Dickinson College Bulletin

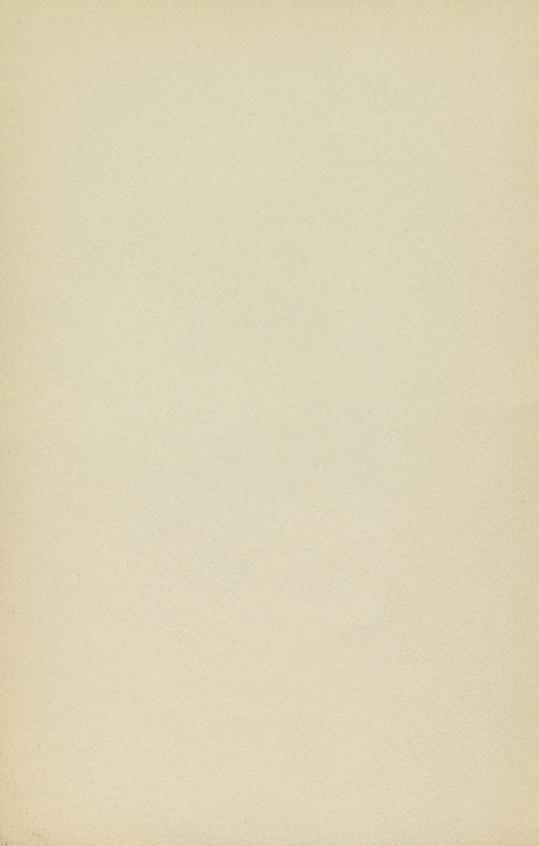


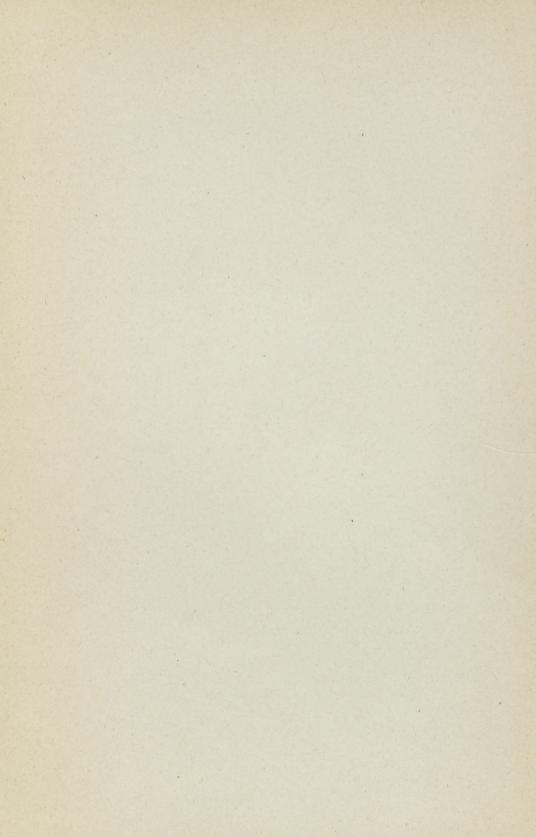
May, 1947

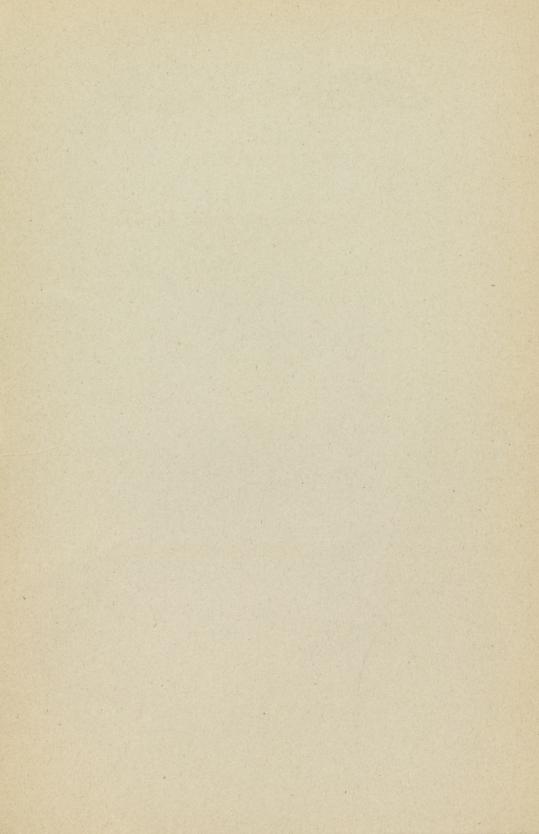
CATALOGUE NUMBER

ANNOUNCEMENTS 1947 - 1948

CARLISLE - PENNSYLVANIA







DICKINSON COLLEGE BULLETIN

One Hundred Seventy-fourth Edition 1773-1947



1946-1947 ANNUAL SESSION

VOLUME XL No. 5 Published by Dickinson College, Carlisle, Pa., seven times a year, January, February, March, April, May, July and October. Entered at the Post Office in Carlisle, Pennsylvania, as second-class matter May 11, 1918, under the Act of August 24, 1912. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, and authorized August 3, 1918.

DICKINSON COLLEGE BULLETIN

May, 1947

Vol. XL — No. 5

"EXCITED TO THE DESIGN"

JOHN DICKINSON, first President of the Board of Dickinson College, used this phrase in his address to the Trustees at one of the first meetings of the Board in the early days of the College. At this meeting, held shortly after the conclusion of the American Revolution, he said in part:

"Those who have been principally concerned in setting forward this constitution have been *excited to the design* by several considerations which shall be mentioned.

"In the first place, they found their minds impressed with a warm sense of gratitude to the Supreme Governor of the universe for the many signal mercies manifested to the people of this land through the late arduous conflict and in its conclusion. Secondly, they judged they could not better employ the beginning of the peace so graciously bestowed than by forming an establishment for advancing the interests of religion, virtue, freedom and literature. Thirdly, they thought that they could not confer a greater benefit upon their country than by promoting the good education of others. Fourthly, they were of the opinion that the particular difficulties and discouragements with respect to such education which the western part of this State labored under, called in a powerful manner for their attention. Lastly, affectionate and favorable sentiments with the sanction of a wise and patriotic Assembly produced that organization which the system now bears.

"When the inhabitants of this and neighboring counties observe your faithful labors for communicating to their youth the treasures of science collected by the wise and good of all ages and names, what father can be so cruel as not to strive that his children may partake of the distribution. Miserably will he deceive himself by supposing that any inheritance he can bequeath is to be compared with a well cultivated mind. It is betraying posterity to leave them wealth without teaching them how to use it and thus too frequently all the cares and toils of a parent's life prove to be utterly thrown away by his neglecting the great article of instruction."

ACCELERATION

For a number of years Dickinson has operated on a three-session basis, admitting students at three different times in the year. Each session has represented a full semester of sixteen weeks. Plans have been made for a summer session of twelve weeks in 1947, but no commitment regarding acceleration has been made beyond this calendar year.

COLLEGE CALENDAR

WINTER SESSION, 1947

February 10 to June 7

Spring Recess — April 3, 1947 at 12:30 P. M.

to

April 9, 1947 at 8:30 A. M.

Memorial Day — May 30, 1947 Commencement — June 8, 1947

> SUMMER SESSION, 1947 June 17 to September 12

FALL SESSION, 1947

September 25 to January 31, 1948

Freshman Week begins — September 22, 1947

Thanksgiving Recess - November 26, 1947 at 12:30 P. M.

to

December 1, 1947 at 8:30 A. M.

Christmas Recess — December 20, 1947 at 12:30 P. M.

to

January 5, 1948 at 8:30 A. M.

WINTER SESSION, 1948

February 2 to June 5

College Holiday — February 23, 1948

Spring Recess — March 24, 1948 at 5:30 P. M.

to

April 1, 1948 at 8:30 A. M.

College Holiday — May 31, 1948 Commencement — June 6, 1948

BOARD OF TRUSTEES

OFFICERS

BOYD LEE SPAHR, A.M., LL.D.			. President
J. HENRY BAKER, A.M			Vice-President
EDGAR R. HECKMAN, D.D			. Secretary
GILBERT MALCOLM, A.M., LL.B.			. Treasurer

MEMBERS OF THE BOARD

WILLIAM W. EDEL, D.D., L.H.D.	Ex Officio
GILBERT MALCOLM, A.M., LL.B.	Ex Officio

First Elected	Term Expires 1947
1917 G. HAROLD BAKE	
1943 JAMES T. BUCKL	EY Philadelphia
1931 RAPHAEL S. HAYS	
1925 DEAN HOFFMAN,	A.B Harrisburg
1915 LLOYD WELLINGT	on Johnson, Ph.B Brooklyn, N. Y.
1934 CHARLES W. KIT	
1923 ANDREW H. PHE	CLPS, D.C.S Mt. Lebanor
1935 ROBERT H. RICH	ARDS, A.M., LL.D Wilmington, Del
1930 S. WALTER STAU	FFER, PH.B. (ALUMNI TRUSTEE) . York
1919 James G. Steese,	, A.M., Sc.D Washington, D. C

Term Expires 1948

1930	LEWIS M. BACON, PH.B. (ALUMNI TRUSTEE)	Baltimore, Md.
	EDWARD M. BIDDLE, JR., PH.B., LL.D	. Carlisle
1944	FRED P. CORSON, D.D., LL.D	Philadelphia
1945	WILLIAM L. ESHELMAN, Ph.B	. Mohnton
1920	EDGAR R. HECKMAN, D.D	. Tyrone
1937	George H. Ketterer, D.D	Warrior's Mark
1945	SIDNEY D. KLINE, A.M., LL.B	. Reading
1920	JOHN M. RHEY, A.M., LL.B	Carlisle
1928	ERNEST G. RICHARDSON, D.D., LL.D.	Philadelphia

Term Expires 1949

1933	S. M. DRAYER	Baltimore, Md.
1932	CHARLES C. DUKE	. Baltimore, Md.
1932	ROBERT A. FEROE	Pottstown
1944	CHARLES WESLEY FLINT, D.D., LL.D	Washington, D. C.
1937	SAMUEL M. GOODYEAR	Carlisle
1932	EDWIN H. HUGHES, D.D., LL.D	Chevy Chase, Md.
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Carlisle
1932	J. Horace McFarland, L.H.D	Harrisburg
	Frank E. Masland, Jr	
	HARRY L. PRICE, A.B., LL.B	
	(ALUMNI TRUSTEE)	
	Term Expires 1950	
1906	J. Henry Baker, A.M	. Baltimore, Md.
	GEORGE C. HERING, JR., A.B., LL.B	
	MERKEL LANDIS, A.M., LL.B	
	ROY W. MOHLER, M.D., Sc.D	. Philadelphia
	(ALUMNI TRUSTEE)	
1935	CHARLES E. PETTINOS, Ph.B., A.M.	New York, N. Y.

1917 ROBERT F. RICH, Ph.B. Woolrich

1946 WILLIAM C. SAMPSON, A.M., Sc.D. . Drexel Hill

1908 BOYD LEE SPAHR, A.M., LL.D. . . . Philadelphia

1917 Ruby R. Vale, A.M., D.C.L. . . . Philadelphia

STANDING COMMITTEES

EXECUTIVE COMMITTEE:

1022 S M DRANET

Boyd Lee Spahr, *Chairman*; Edward M. Biddle, Jr., James T. Buckley, S. M. Goodyear, Raphael S. Hays, Merkel Landis, J. Horace McFarland, Charles E. Pettinos, John M. Rhey, Robert F. Rich, Robert H. Richards, Ernest G. Richardson, Ruby R. Vale, William W. Edel.

COMMITTEE ON FINANCE:

Andrew H. Phelps, *Chairman*; S. M. Goodyear, Sidney D. Kline, George E. Lloyd, John M. Rhey, Robert H. Richards.

COMMITTEE ON NOMINATIONS:

Lewis M. Bacon, Chairman; Edward M. Biddle, Jr., S. M. Drayer, George C. Hering, Jr., Karl E. Richards.

COMMITTEE ON GROUNDS AND BUILDINGS:

S. Walter Stauffer, Chairman; William L. Eshelman, George H. Ketterer, Roy W. Mohler, Harry L. Price.

COMMITTEE ON HONORARY DEGREES:

Trustee Members: J. Henry Baker, Lloyd W. Johnson, Boyd Lee Spahr.

Faculty Members: William W. Edel, *Chairman*; E. A. Vuilleumier, Arthur V. Bishop.

FACULTY

WILLIAM WILCOX EDEL

The President of the College, Lemuel T. Appold Foundation.

A.B., Dickinson College, 1915; A.M., 1919; D.D., 1935; S.T.B., Boston University School of Theology, 1921; L.H.D., Keuka College, 1944; D.D., Hobart College, 1944.

GILBERT MALCOLM

Vice President

Ph.B., Dickinson College, 1915; A.M., 1917; LL.B., Dickinson School of Law, 1917.

PROFESSORS

HERBERT WING, JR.

Professor of History, Dean of the Junior Class.

A.B., Harvard College, 1909; A.M., University of Wisconsin, 1911; Ph.D., 1915.

ERNEST ALBERT VUILLEUMIER*

Professor of Chemistry, Dean of the College.

B.S., University of Pennsylvania, 1914; Ph.D., University of Berne, Switzerland, 1918.

LEWIS GUY ROHRBAUGH

Professor of Philosophy and Religion, Dean of the Freshman Class.

A.B., Dickinson College, 1907; A.M., 1910; B.D., Drew University, 1910; Ph.D., State University of Iowa, 1922.

^{*} Resigned as Dean of the College, effective June, 1947.

MILTON WALKER EDDY Professor of Biology.

B.S., Northwestern University, 1910; M.S., 1912; Ph.D., University of Pennsylvania, 1929.

ARTHUR VAUGHAN BISHOP

A. J. Clarke Professor of Classical Languages and Literatures, Dean of the Senior Class.

B.S., Virginia Polytechnic Institute, 1906; M.A., University of Virginia, 1911; Ph.D., 1913.

WELLINGTON AMOS PARLIN Professor of Physics.

A.B., Simpson College, 1921; M.S., State University of Iowa, 1922; Ph.D., The Johns Hopkins University, 1929.

John Crawford Milton Grimm Professor of Romance Languages.

B.A., Ohio State University, 1911; M.A., 1912; Ph.D., University of Pennsylvania, 1916.

RUSSELL IRVIN THOMPSON*

Richard V. C. Watkins Professor of Education and Psychology, Dean of the Sophomore Class.

A.B., Dickinson College, 1920; Ph.D., Yale University, 1932.

HORACE ELTON ROGERS

Professor of Analytical Chemistry.

B.S., Dickinson College, 1924; M.S., Lafayette College, 1925; Ph.D., Princeton University, 1930.

Josephine Brunyate Meredith Professor of English.

A.B., Dickinson College, 1901; A.M., 1902.

* Appointed Dean of the College, effective June, 1947

FRANK AYRES, JR.

Susan Powers Hoffman Professor of Mathematics.

B.S., Washington College, 1921; S.M., University of Chicago, 1927; Ph.D., 1938.

WILLIAM DRUM GOULD

Professor of Philosophy and Religion.

A.B., Wesleyan University, 1919; B.D., Garrett Biblical Institute, 1922; Ph.D., Boston University, 1929.

ERIC WOLLENCOTT BARNES Professor of English.

Licence es Lettres, University of Paris, 1927; Diplome d'Etudes Superieures, 1928; D.Litt., 1940.

WILLIAM LONSDALE TAYLER

Professor of Political Science.

B.A., University of Texas, 1927; M.A., American University, 1928; M.A., Columbia University, 1929; Ph.D., 1935.

ASSOCIATE PROFESSORS

MULFORD STOUGH

Associate Professor of History.

A.B., Washington and Lee University, 1911; M.A., University of Pennsylvania, 1925.

MARY BUCKLEY TAINTOR

Associate Professor of Romance Languages.

A.B., Ripon College, 1911; A.M., Leland Stanford Jr. University, 1918.

CORNELIUS WINFIELD FINK

Associate Professor of Economics.

A.B., Muskingum College, 1914; A.M., Ohio State University, 1924.

RALPH SCHECTER

Associate Professor of English, Director of Music.

A.B., University of Illinois, 1916.

CHARLES LOWE SWIFT

Associate Professor of English.

A.M., Dickinson College, 1910.

ELMER CHARLES HERBER

Associate Professor of Biology.

A.B., Ursinus College, 1925; A.M., University of Pennsylvania, 1929; Sc.D., The Johns Hopkins University, 1941.

WHITFIELD JENKS BELL, JR.*

Associate Professor of History.

A.B., Dickinson College, 1935; A.M., University of Pennsylvania, 1938; Ph.D., 1947.

BENJAMIN DAVID JAMES

Associate Professor of Education.

A.B., Dickinson College, 1934; M.A., Bucknell University, 1936.

BERNICE GRUBB ZISSA

Associate Professor of Romance Languages.

A.B., Ursinus College, 1939; A.M., University of Rochester, 1940; Ph.D., 1942.

MAY MORRIS

Librarian with Rank of Associate Professor.

Ph.B., Dickinson College, 1909; Graduate, Pratt Institute School of Library Science, 1917.

* Appointed Dean of the Sophomore Class, effective June, 1947.

RALPH ROSS RICKER

Associate Professor of Political Science.

A.B., Pennsylvania State College, 1930; M.A., 1936.

CHARLES DAVID KEPNER

Associate Professor of Sociology.

B.A., Williams College, 1916; A.M., Harvard University, 1917; S.T.B., Andover Theological Seminary, 1922; Ph.D., Columbia University, 1936.

HAROLD WILDIE WEIGEL

Associate Professor of German.

A.B., Dickinson College, 1930; M.A., Pennsylvania State College, 1931; Ph.D., 1940.

ANDREW PARK ORTH

Associate Professor of Economics.

B.S., University of Pennsylvania, 1916; B.S.C., Drexel Institute of Technology, 1918; A.M., University of Pennsylvania, 1919.

WILLIAM SLOANE

Associate Professor of English.

A.B., Hamilton College, 1932; M.A., Columbia University, 1933.

FRIEDRICH SANDELS

Associate Professor of German.

Ph.D., University of Giessen, Germany, 1912.

HELEN BURNS NORCROSS

Dean of Women with Rank of Associate Professor.

Ph.B., Dickinson College, 1912; A.M., 1914; Graduate, Drexel Institute School of Library Science, 1915.

ASSISTANT PROFESSORS

RAYMOND PALMER GARBER BOWMAN Assistant Professor of Psychology.

B.S., Bridgewater College, 1923; M.S., University of Virginia, 1930; Ph.D., 1938.

ROY RAYMOND KUEBLER, JR.

Assistant Professor of Mathematics.

A.B., Dickinson College, 1933; A.M., University of Pennsylvania, 1947.

RICHARD HENRY MACANDREWS

Assistant Professor of Physical Education.

CHARLES HENRY BELLOWS KENNEDY

Assistant Professor of Physical Education.

Ph.B., Dickinson College, 1934; M.Ed., Pennsylvania State College, 1940.

HENRY ELMORE SMITH

Assistant Professor of Mathematics.

Ph.B., Dickinson College, 1911; M.A., Columbia University, 1938.

WILLIAM TURNER AVERY

Assistant Professor of Classical and Modern Languages.

A.B., Western Reserve University, 1934; M.A., 1935; Ph.D., 1937.

STACEY ELLIOTT EATON

Assistant Professor of Romance Languages.

A.B., Clark University, 1921; A.M., Bates College, 1927; Ed.M., Harvard University, 1935.

RICHARD MILLER SPONG

Assistant Professor of English.

A.B., Dartmouth College, 1936; M.S., Columbia University, 1941.

JOHN CHRISTIAN PFLAUM

Assistant Professor of History.

B.S., University of Pennsylvania, 1925; M.A., 1929.

JOHN REIGLE EMBICK

Assistant Professor of Geology and Chemistry.

B.A., Gettysburg College, 1917; M.A., Columbia University, 1936.

INSTRUCTORS

MILDRED STRAKA

Catalogue Librarian with Rank of Instructor.

A.B., Dickinson College, 1938; B.S., Columbia University, 1941.

FRANCES FACKLER SMITH

Instructor in Physical Education for Women.

B.S., West Chester State Teachers College, 1941.

DONALD RAY MORRISON

Instructor in Psychology.

A.B., Dickinson College, 1941.

JAMES W. PHILLIPS

Assistant Librarian with Rank of Instructor.

A.B., Southern Methodist University, 1937; B.S., Columbia University, 1941.

CHARLES FLINT KELLOGG

Instructor in History.

A.B., Bard College of Columbia University, 1931; M.A., Harvard University, 1933.

Joseph Burkholder Smith Instructor in History.

A.B., Harvard College, 1943.

Anna Jarman Cooper

Reference Librarian with Rank of Instructor.

B.S., New York University, 1938; M.A., 1942.

JOHN STOHLER STECKBECK

Instructor in Physical Education.

B.S., West Chester State Teachers College, 1936.

RONALD ERNEST KNAPP

Instructor in Physical Education.

B.S., Pennsylvania State College, 1936; M.A., Columbia University, 1942.

WALTER THOMAS JAMES

Instructor in Philosophy and Religion.

Ph.B., Dickinson College, 1941; B.D., Drew University, 1944; M.A., Columbia University, 1946.

RICHARD HENRY WANNER

Instructor in Education and Psychology.

A.B., Franklin and Marshall College, 1939; Ed.M., Harvard University, 1941.

Hans Bernhard Engelmann Instructor in German.

B.S., Haverford College, 1937; M.A., Columbia University, 1938.

WALTER HUGO NIEHOFF
Instructor in Political Science.

B.A., Lafayette College, 1932; M.A., Pennsylvania State College, 1936.

RICHARD LYNN BIGELOW, JR.

Instructor in Political Science.

A.B., Swarthmore College, 1936; M.A., Pennsylvania State College, 1937; LL.B., Dickinson School of Law, 1947.

CHESTER EDWARD JARVIS

Instructor in Political Science.

A.B., University of California, 1932; M.A., 1942.

DAVID IVAN GLEIM
Instructor in Chemistry

B.S., Franklin and Marshall College, 1918; M.A., Columbia University, 1920.

RICHARD CARROLL HUDSON
Instructor in English

A.B., Swarthmore College, 1943; M.A., University of Pennsylvania, 1947.

James Donald Bowman, Jr.

Instructor in Economics.

A.B., Harvard College, 1942.

MARGARET MATER MARTIN
Instructor in French.
A.B., Dickinson College, 1935.

Constance Hazelwood Taylor
Instructor in Biology.
A.B., Houghton College, 1946.

OFFICERS OF ADMINISTRATION AND ASSISTANTS

WILLIAM W. EDEL, L.H.D. The President of the College

GILBERT MALCOLM, A.M., LL.B. Vice President and Treasurer

Ernest Albert Vuilleumier, Ph.D.*

Dean of the College

Lewis Guy Rohrbaugh, Ph.D. Director of Admissions

John C. M. Grimm, Ph.D. Secretary of the Faculty

Russell Irvin Thompson, Ph.D.**

Director of the Summer Session

HORACE ELTON ROGERS, Ph.D. Graduate Manager of Athletics

RAYMOND P. G. BOWMAN, Ph.D. Registrar

HELEN BURNS NORCROSS, A.M. Dean of Women

May Morris, A.B. Librarian

^{*} Resigned as Dean of the College, effective June, 1947.

^{**} Appointed Dean of the College, effective June, 1947.

JAMES W. PHILLIPS, A.B., B.S. Assistant Librarian

MILDRED STRAKA, A.B., B.S. Catalogue Librarian

Anna Jarman Cooper, B.S., M.A. Reference Librarian

Annie Louise Bowman, B.S. Library Assistant

LUCY HOLT DONEY, B.S. Library Assistant

George Shuman, Jr., Ph.B.
Superintendent of Grounds and Buildings
Assistant Treasurer

MARGARET M. MARTIN, A.B. Secretary to the President

DOROTHY JEAN HARTZELL, A.B. Assistant Registrar

SARAH CATHERINE BELL, A.B. Assistant to the Director of Admissions

Joseph E. Green, Jr., M.D. College Physician for Men

Edward S. Kronenberg, Jr., M.D. College Physician for Women

MARGARET A. EPPLEY, R.N. Director of the Health Center

COMMITTEES OF THE FACULTY

for 1946-1947

Board of Deans

DEANS VUILLEUMIER, WING, ROHRBAUGH, BISHOP, THOMPSON, NORCROSS

Attendance

Professor Gould, Deans Vuilleumier and Norcross, Professor Weigel

Comprehensive Examinations

DEAN VUILLEUMIER, PROFESSORS WING, GRIMM, THOMPSON, PFLAUM, PROF. BOWMAN, SECRETARY

Debating

Professors Fink, Schecter, Sloane, Kuebler, Mr. Niehoff

Honors Courses

Professors Eddy, Parlin, Bell, Swift, Kepner, Mr. Engelmann

Library

1947, Professor Bishop, Dean Vuilleumier, Professor Spong

1948, Professors Grimm and Thompson, Mr. Kellogg 1949, Professors Barnes, Bell, Embick

Public Events

1947, Professors Gould, Orth, Avery 1948, Professors Rogers and Weigel, Mr. Bigelow 1949, Professor Rohrbaugh, *Chairman*, Professor Fink, Mr. Jarvis

Religious Affairs

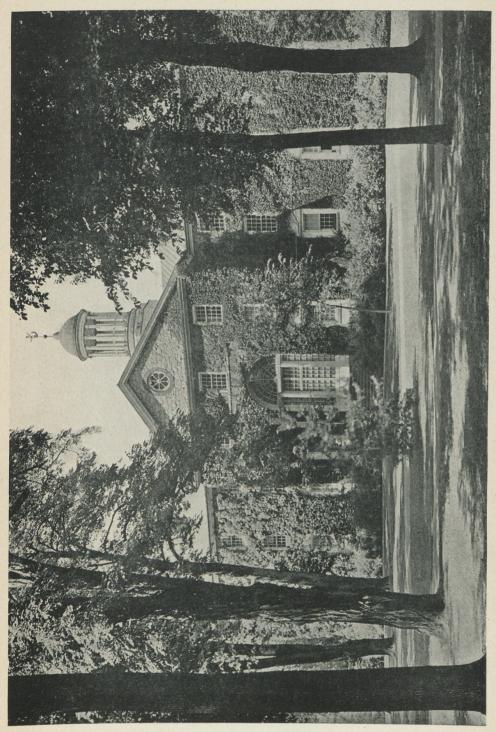
Professors Rogers, Meredith, Gould, Stough, Kepner, H. E. Smith, Mr. Kellogg, Mr. W. T. James

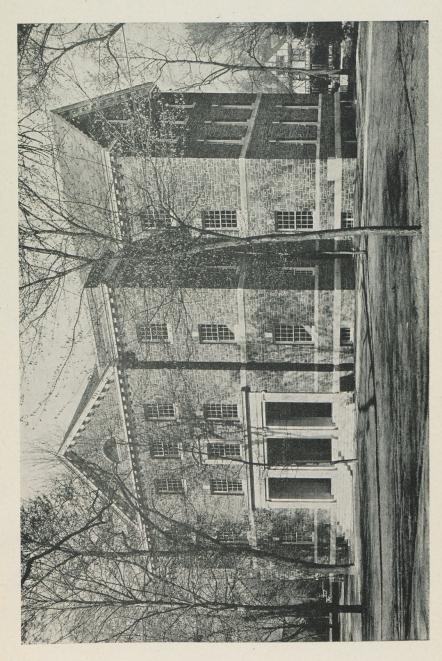
Social and Cultural Affairs

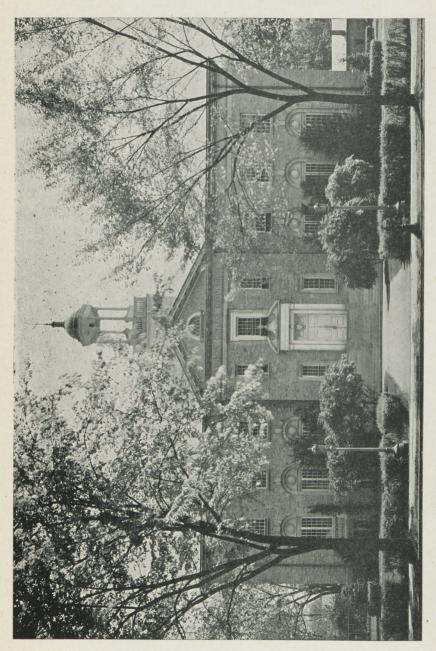
1947, Professors Bishop, Meredith, Kennedy 1948, Professors Stough and Wing, Mr. Steckbeck 1949, Professor James, Chairman, Professor Tayler,

DEAN NORCROSS

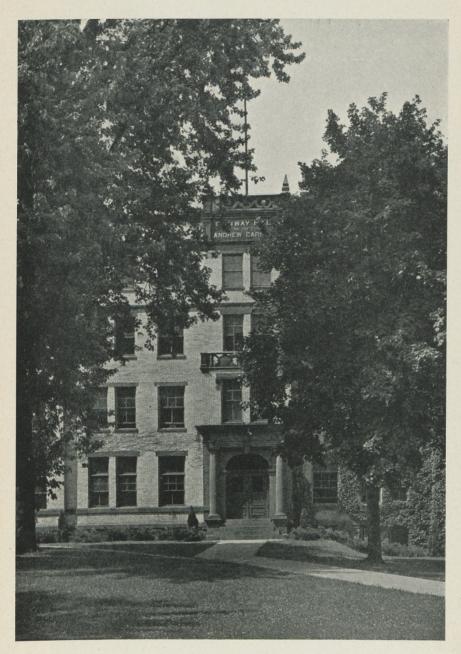
Exchange Students
Professors Ayres, Herber, Bell, Swift,
Mr. Morrison, Mr. Wanner







EAST COLLEGE



CONWAY HALL

TOME SCIENTIFIC BUILDING

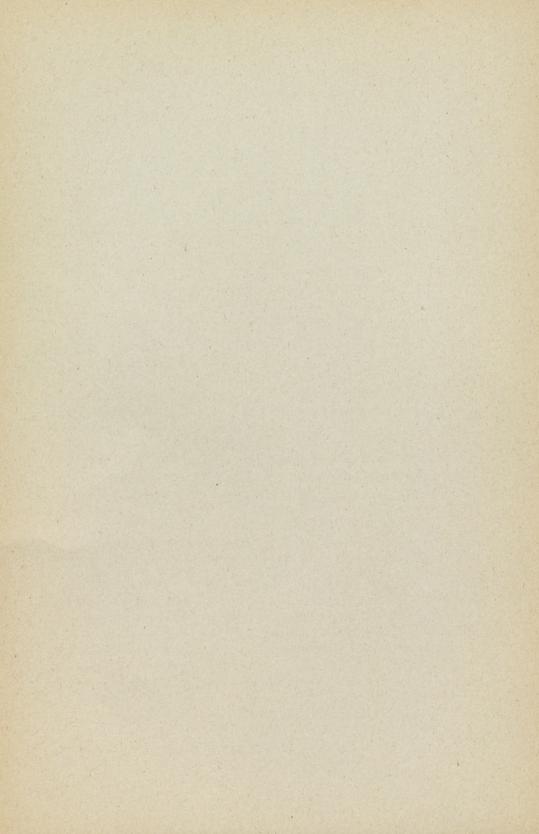
BAIRD BIOLOGY BUILDING



DENNY HALL

BOARD OF ATHLETIC CONTROL

PRESIDENT WILLIAM W. EDEL Chairman
GILBERT MALCOLM Vice-Chairman
Prof. Horace E. Rogers Secretary
DEAN WALTER H. HITCHLER Law School
Prof. Benjamin D. James Faculty
Prof. Herbert Wing, Jr Faculty
Edward M. Biddle, Jr Trustees
DONALD H. GOODYEAR Alumni
GEORGE E. LLOYD Trustees
BOYD LEE SPAHR Ex Officio
Francis C. Noonan Student Representative



1773 - 1947

HISTORICAL RESUME

On March 3, 1773, Thomas and John Penn, Proprietors of Pennsylvania, conveyed to nine trustees a plot of ground in Carlisle "for the purpose of keeping and maintaining a grammar school." This school was promptly opened under the principalship of James Ross, a distinguished author of Latin and Greek grammars. The grammar school continued in operation until it was absorbed by the College, which was incorporated by the Legislature of Pennsylvania on September 9, 1783.

The prime mover in the effort to obtain a college charter was the distinguished Dr. Benjamin Rush of Philadelphia, a signer of the Declaration of Independence and the country's leading physician. He had the College named for his friend, John Dickinson, Esq., "in memory of the great and important services rendered to his country." Dickinson was the author of the famous "Letters from a Farmer in Pennsylvania to the inhabitants of the British Colonies," one of the most potent documents in arousing patriotism in the Colonies. He was also a General in the Revolutionary War, principal draftsman of the Articles of Confederation, President of the Supreme Executive Council of the State, and later a signer of the Constitution of the United States. When the charter was granted, Dickinson was elected president of the Board of Trustees, an office which he held until his death.

Seven of the grammar school trustees became trustees of the College. The first president was Dr. Charles Nisbet of Montrose, Scotland, a Scotch Presbyterian and one of the great scholars of his time. From the beginning the new College prospered under the able efforts of Dr. Nisbet, and twenty years from its inception it had outgrown the confines of the grammar school building. The site also was unsatisfactory and various efforts were made to obtain a better one, including that of the Carlisle Barracks which had been estab-

lished by the British in 1751. The present main campus of the College was purchased from the Penn family in 1799 for \$151.50 and the construction of a large brick building was begun. This building was destroyed by fire in 1803 and in its place was erected the present West College, designed by Latrobe, the architect of the Capitol at Washington. When the trustees appealed for subscriptions for the new building, the appeal met with a wide response, President Thomas Jefferson, Chief Justice John Marshall, and the French Minister being among the contributors. It was constructed of native limestone and is regarded as one of the outstanding examples of Georgian architecture in America.

The plant of the College, consisting of more than a dozen buildings, is constructed chiefly of limestone, in Georgian design. The main campus, on which six of the college buildings are located, is framed by a low limestone wall, most of which is over one hundred years old. This adds to the distinctive charm of the landscape. The other buildings are grouped around this campus and on the new Mooreland campus, a twelve-acre tract diagonally across from the main campus. The old Moore mansion, in the background of the Mooreland park, was renovated and built into the thoroughly modern Baird Biological Building, named after Spencer Fullerton Baird of the Class of 1840, erstwhile professor of the College and afterwards Chief of the Smithsonian Institution.

Throughout its history, Dickinson has steadily adhered to the liberal arts tradition, emphasizing the development of the students' capacities and giving the studied and basic preparation for both the professions and business. The success of Dickinson graduates in life has proved the soundness of this educational philosophy. From time to time the curriculum is studied and revised in keeping with current educational methods and needs.

The College is pervaded with memories that revert to the distant past. On the corner where Denny Hall now stands Washington reviewed the troops who in 1794 set out to quell the Whiskey Rebellion. The two literary societies, Belles Lettres and Union Philosophical, are well over a century and a half old, and count among

their members James Buchanan, Class of 1809, President of the United States, 1857-61, and Roger Brooke Taney, Class of 1795, Chief Justice of the Supreme Court of the United States, 1836-64. During the Civil War when the Confederates occupied Carlisle, they "encamped on the campus, used East College for a hospital, and under orders from their superior officers put Old West under guard. Many of the officers were old Dickinson men and jealously guarded Old West, using it for their headquarters." In 1887 the Alpha chapter of Pennsylvania of the Phi Beta Kappa Society was organized at Dickinson.

The College is widely recognized for its preparation for graduate work in the professions, and about fifty per cent of its graduates continue their education in graduate schools. The grounds, buildings, and equipment of the College are conservatively appraised at approximately \$2,200,000, and its invested endowment and other capital funds are in excess of \$2,300,000.

Dickinson should commend itself to those who desire a liberal arts education as the basis for their lifework, with the advantage of a relatively small student body, resulting in personal attention by a Faculty of professors trained and experienced in their subjects, assisted by associates and instructors, in a historic atmosphere unsurpassed by any college in the country and with past prestige fully maintained in the present.

DEGREES CONFERRED BY THE COLLEGE

Commencement

June 9, 1946

I. Honoris Causa

LL.D.—Doctor of Laws Paul Swain Havens, Chambersburg, Pennsylvania Guy LeRoy Stevick, San Francisco, California

LITT.D.—DOCTOR OF LITERATURE
William Brooks Greenlee, Chicago, Illinois

Sc.D.—Doctor of Science Fred Loomis Mohler, Washington, D. C. Henry LeRoy Bockus, Philadelphia, Pennsylvania

D.D.—Doctor of Divinity
Frank Prentzel, Jr., Philadelphia, Pennsylvania
Elvin Clay Myers, Williamsport, Pennsylvania
Leon Thomas Moore, Drexel Hill, Pennsylvania

II. IN CURSU

A.B.—BACHELOR OF ARTS

Helen Elizabeth Alexander
Marion Virginia Bell
Ralph Warren Boyles, Jr.
Ann Carol Boylhart
Foster Eugene Brenneman
Bruce Edwin Cooper
Edna Louise Charley
Joan Latham Denison
Catherine Seamon Eitemiller
William Fellows Gale
Thomas Gregg Heckel
Florence Louise A. Katsetos
Marie Grace Kern

Dorothy Romaine Leeper
William Henry McAllister, Jr.
Margaret Elizabeth MacGregor
Kenneth Johnson Mackley
Gustav George Mitchell
Christine Alice Myers
Dorothy Fay Nagle
Clarence Bovaird Nixon, Jr.
Gilbert Pershing Reichert
Patricia Ann Rupp
Lucille Elizabeth Sweet
Richard H. L. Vanaman
Robert Stanley Wagner

Rhaylene Whittemore

PH.B.—BACHELOR OF PHILOSOPHY

Bruce Clair Adams
Marjorie Monroe Arnold
Jack M. Born
Margaret Churchill Cary
George R. F. Cornish, Jr.
Patricia Deitz
Ann Elizabeth Gates
Frank LeRoy Johnson, Jr.

Joan Thatcher McInroy Thomas Michael Malia Helen Louise Matthews Kathryn Eleta Shreve Martha Jane Stough Virginia Twyeffort Marvin Zell Wallen Martha Ann Wentzel

John William Wright

Sc.B.—BACHELOR OF SCIENCE

Jacob Lester Barber, Jr.
Ruth Christine Bender
John Raymond Bowen, Jr.
Jane Esbenshade Breneman
Matilda Lowry Chubb
Arthur Woolverton Collins
Catherine Koechlein Crouse
Robert Edwin Davis
Frederick Lewis Edwards
Jerome Daniel Goldstein
Joseph Gordon Hanna
Martin Helrich

James Braden Jamison, II Weir Lee King Margaret Ann Marsh John Pearson Miller, III William Henry Moyle Barbara Jane Mulford Nancy Jane Schnelli Elizabeth Ney Singe Glenn Miller Smith Carolyn Lucille Snyder Forrest Allen Trumbore Eleanor Frances Voorhis

William Richard Wasko

LL.B.—Bachelor of Laws Charles W. Kugler Joseph Lizanec Doris Spangenburg

Inauguration of President Edel
October 26, 1946

Honoris Causa

LL.D.—Doctor of Laws

George William McClelland, Philadelphia, Pennsylvania Theodore August Distler, Lancaster, Pennsylvania

Mus.D.—Doctor of Music John Charles Thomas, Los Angeles, California

L.H.D.—Doctor of Humane Letters
Ivan Marcellus Gould, Philadelphia, Pennsylvania

ADMISSION

Students are admitted to the College in one of three ways:

- 1. By presenting a satisfactory certificate from an approved secondary school.
 - 2. By examination at the College.
 - 3. By passing College Entrance Board Examinations.

Each candidate for admission must file an application on forms supplied by the College. Application for admission should be filed by every candidate as early as possible in the year in which he expects to enter.

Graduates from literary courses of approved secondary schools should be able to meet the requirements for admission, if they have done satisfactory work and are recommended by their high schools.

REQUIRED FOR ADMISSION TO THE COLLEGE

Elementary Algebra	11/2	units
English	3	units
Foreign Language, One	2 .	units
Plane Geometry	1	unit

Seven and one-half other units are required, at least six and one-half of which must be from the list of subjects below; and the remaining one unit may be in another subject for which secondary school credit has been given.

Spanish	2 or 3 units
French	2, 3, or 4 units
German	2, 3, or 4 units
Greek	2 or 3 units
Latin	2, 3, or 4 units
History	2 or 3 units
Civics	1 unit
Problems of Democracy	1 unit
Economics	
Sociology	1 unit
Science	
Solid Geometry	½ unit
Trigonometry	½ unit

CURRICULUM

SUMMARY OF REQUIREMENTS

FRESHMAN YEAR

A. B. Degree

	Sem.	Hrs.
English	6	
Foreign Language	6	
Electives		
(Choose 3 from the following 5 groups)		
History 11-12	6	
Introduction to Psychology	,	
and	6	
Foreign Language	6	
Introduction to Philosophy	· ·	
and }	6	
Introduction to the Bible		
Mathematics 9-10 or 1, 2	6	
	30 h	ours
Sc. B. Degree		
Required		
English	6	
Mathematics 9-10 or 1, 2	6	
Biology 11-12 or Chemistry 11-12	8	
Electives		
(Choose 2 from the following 4 groups)		
History 11-12	6	
Introduction to Philosophy	6	
Introduction to the Bible		
Foreign Language	6	
Introduction to Psychology		
and Introduction to Social Science	6	
- Introduction to Social Science	2	
	32 h	ours

SOPHOMORE, JUNIOR, AND SENIOR YEARS

To meet the requirements for graduation, each student is required to complete at least three semesters of work in each of the following four groups. This work is to be in courses numbered above 10.

- 1. Languages and Literatures: English, Greek, Latin, German, French, Spanish; and the courses in Italian, Russian, World Literature, and Speech.
- 2. Social Studies: History, Sociology, Economics, and Political Science.
- 3. Interpretative Studies: Psychology, Education, Philosophy and Religion; and the course in Appreciation of Music.
- 4. Sciences: Mathematics, Physics, Chemistry, Biology, and Geology.

Field of Concentration. Each student shall elect a field of concentration and complete in this field a major subject of 24 to 30 hours in one department and a minor in another department of 12 to 18 hours in allied courses related or supplementary to the major. The field of concentration must be chosen before the end of the sophomore year. Only courses numbered above 10 will be counted toward a major or minor. Specific information regarding majors and minors in each department may be found at the close of the listing of courses.

COURSES OF STUDY

The College offers two parallel courses in the Liberal Arts and Sciences, leading to the degrees of Bachelor of Arts and Bachelor of Science.*

REQUIREMENTS FOR GRADUATION

- 1. 128 semester hours of academic work, and four semester hours in Physical Education.
- 2. Required courses.
 - (a) Freshman English, a natural science (Biology 11-12, Chemistry 11-12, or Physics 11-12.)
 - (b) Language requirements: Candidates for the A.B. degree may satisfy the language requirement in one of two ways: (1) take at least one college course (6 semester hours in length) of a rank equivalent to German 11-12 in each of

^{*} The Ph.B. degree was discontinued in June, 1946.

two foreign languages, (2) do intensive work in one language, completing at least 10 semester hours above the equivalent of German 11-12. Students who satisfy the requirement by the latter method must secure the permission of the head of the department. Candidates for the Sc.B. degree are required to take in college at least one course in a foreign language of the rank of German 11-12. Any language begun in college must be continued at least two years.

- 3. Candidates for the Sc.B. degree are required to elect a major in Biology, Chemistry, Mathematics, or Physics and complete at least five individual units from the following group: Biology 11-12, 23-24, eight semester hours in courses numbered above 24; Chemistry 11-12, 25-26, 51-52; Physics 11-12, 31-32, 43-44; Mathematics 31-32, 33-34.
 - 4. An average grade of 70, or above, for the entire course.
 - 5. A satisfactory record in the comprehensive examinations.

Note: (a) Responsibility rests with the student for the election of such courses as will satisfy these requirements.

(b) A student averaging between 60 and 70 for any college year's work shall be placed on probation, and if during the year of probation he falls below the average of 70 for either of the semesters, he shall be required to withdraw, unless under special circumstances and by faculty action he be continued in college. A student averaging less than 60 for any college year's work shall be required to withdraw.

REGULATIONS CONCERNING ELECTIVES

Elective studies in excess of the prescribed number of hours may be taken if, in the judgment of the Faculty, such additional work will not interfere with the regular work. No student, however, may take more than 17 hours of work, without special faculty approval, if his general average for the preceding year was less than 75. For hours in excess of 17 an extra charge is made.

HONORS WORK

Students who demonstrate superior ability during the first two academic years of their course are encouraged to enroll for additional work in Honors. This opportunity is offered on the assumption that students who attain grades well above the average probably have both the competence and time to profit by additional training, more

advanced than the regular offering and differing from it in emphasizing independent self-direction. Each student so enrolling will work under the immediate supervision of a member of the Faculty. The program will consist of (1) advanced work in a selected field and (2) a project of investigation or research devised to suit the needs and interest of the individual student. This honors work is designed to individualize and expand the educational offering for men and women able to profit by a larger program. Its successful completion will be recognized by the award of the appropriate degree with honors or high honors, record of which will appear on the diploma and all transcripts of grades furnished by the Registrar of the College.

EDUCATION FOR A CAREER

Some students enter college with definite ideas as to their future, while others are far removed from satisfactory decisions. Choosing one's lifework is an important and serious matter. Here the liberal arts college plays an important role; it helps many students to find themselves. This process of discovery usually takes place in the lower division of college life—in the freshman and sophomore years. As young men and women make contact with the different areas of study, they begin to sense their natural inclinations and abilities.

Pre-training for the most important fields is carefully planned at Dickinson. When students approach the upper division of college work, they should know the direction in which they intend to move and elect courses accordingly. At this time the student is required to indicate his field of special study and seek faculty advice in electing subjects for training in his chosen area. All students, however, whether interested simply in a liberal arts education or aiming at intensive specialization later on, must comply with the rules governing concentration and distribution.

PRE-MEDICINE AND PRE-DENTISTRY

No students entering college have their minds made up more definitely than those planning toward medicine. To the pre-medical student the medical school authorities today are giving advice contrary to the trend of years ago; they are recommending for pre-medicine a broad, liberal education. While a minimum of science is demanded, much emphasis is placed upon the cultural aspects of college training as found in a variety of courses. Students neglecting this have unsuccessfully tried to overcome the handicap later on. The good physician is not merely a person with technical knowledge and skill, but likewise an individual with a well-rounded personality who can treat more than mere physical ailments. All this holds good for dentistry.

Graduates of Dickinson are readily admitted to the best medical and dental schools in the country. The pre-medical or pre-dental student usually anticipates his application to some particular school or schools, and works out the requirements accordingly. A specimen pre-training curriculum for these two fields appears below. The basic courses are the same, but the student should consult his adviser and incorporate courses in his schedule according to the needs in each case.

FRESHMAN YEAR		SOPHOMORE YEAR	
	Sem. Hrs.		Sem. Hrs.
English 1-2	6	Foreign Language	6
Mathematics 1, 2	6	Psychology 11 or 12	3
History 11-12	6	Social Science 11 or 12	3
Foreign Language		Biology 11-12	8
Chemistry 11-12	8	Chemistry 25-26	8
		Elective	
JUNIOR YEAR			
	Sem. Hrs.	SENIOR YEAR	
General Zoology	8		Sem. Hrs.
Organic Chemistry	8	Physics 11-12	8
Electives		Electives	

PRE-LAW

A large number of students enter Dickinson College expecting to enroll later on in the Dickinson School of Law. While these two institutions are separate and independent of each other, mutually satisfactory academic relations have been maintained for many years. The privilege of electing law is open only to students who have a uniformly good record of scholarship and who have secured the permission of both the Dean of the College and the Dean of the Law School.

The pre-legal student may take four years in College, followed by three years in the Law School, or he may adopt the combined College-Law School program. This combined College-Law School program is approved by the State Board of Law Examiners of Pennsylvania. Under the combined plan the student who has a scholastic average of at least seventy may elect six semester hours of law in the junior year, if in full standing, and as many as twelve semester hours in the senior year. If, however, the student makes a general average of eighty in the junior year, including six semester hours of law, he may elect eighteen semester hours of law in the senior year, making a total of twenty-four semester hours toward graduation. This provides the possibility of graduating from both College and Law School in twelve sessions instead of fourteen (four calendar years under the accelerated program), earning degrees from both institutions. This combined plan is open only to students who enter College not later than the beginning of the sophomore year. An extra charge is made for law. The following is a specimen curriculum for pre-legal students.

FRESHMAN YEAR Sem. Hrs.	SOPHOMORE YEAR Sem. Hrs.
English 1-26	Foreign Language
Mathematics 1, 2, or 9, 10	Psychology 11 or 123
History 11-126	Social Science 11 or 123
	Economics 31-32 6
Electives	English History6
	Natural Science 8
JUNIOR YEAR	
Sem. Hrs.	SENIOR YEAR
Foreign Language (if needed)	Sem. Hrs.
Federal Government3	Corporation Economics
State and Local Governments3	Economics of Foreign Policy3
Public Finance3	Social Psychology3
Public Utilities3	Applied Psychology3
Ethics3	Electives
Logic3	
Logic 3 English 36 English 81 3 3	

PRE-THEOLOGY

The history of Dickinson includes the careers of many notable clergymen. Today ministerial college students anticipate attendance at schools of theology just as students in other professional fields look forward to graduate training. Representatives of different denominations are numbered among the pre-theological students at Dickinson. The proposed schedule appearing below comprises specific courses recommended by The American Association of Theological Schools, as well as work required for graduation.

Freshman Year Sem. Hrs.	SOPHOMORE YEAR Sem. Hrs.
English 1-26	Foreign Language or English6
History 11-126	Psychology 11 or 123
Mathematics 1, 2 or 9, 106	Social Science 11 or 123
Foreign Language6	Appreciation of Literature3
Philosophy 11 or 123	American Literature
Bible 15 or 163	Natural Science 8
	Elective
JUNIOR YEAR	
Sem. Hrs.	SENIOR YEAR
First Year Greek6	Sem. Hrs.
Economics 31-326	Second Year Greek6
Philosophy 41, 426	Federal Government3
Educational Psychology3	State and Local Governments
Education 35 or 363	History 6
Electives	Electives

MEDICAL TECHNOLOGY, LABORATORY TECHNIQUE, PRE-NURSE TRAINING

For many years students have sought preparation in college for laboratory technique, and at present, the best training schools for nurses are requiring two years of college training. In recent years great interest has developed in a similar but more highly specialized field; namely, medical technology. A first-class hospital needs adequate facilities, together with the services of a clinical pathologist. As laboratory tests become more numerous and intricate, the clinical pathologist requires the assistance of a medical technologist to perform these various tests. In order to establish high uniform standards of qualifications, a Registry of Medical Technology was organized in 1928. A technologist who is certified by this Registry is recognized by all leading clinical pathologists as having adequate training. To qualify as an applicant the student must be a highschool graduate, or its equivalent, and have completed at least two years of work in a fully accredited college. After this, the student must spend twelve consecutive months in an approved training center for medical technologists, or twelve months of apprenticeship instruction under a qualified clinical pathologist.

A four-year course in liberal education is recommended for medical technology, laboratory technique, and pre-nurse training, and the following specimen curriculum is built on this idea.

FRESHMAN YEAR		SOPHOMORE YEAR	
	Sem. Hrs.		Sem. Hrs.
English 1-2	6	Psychology 11 or 12	3
History 11-12	6	Social Science 11 or 12	
Mathematics 1, 2 or 9, 10		Foreign Language	6
Foreign Language	6	Chemistry 25-26	8
Chemistry 11-12	8	Biology 11-12	8
		Elective	
JUNIOR YEAR			
	Sem. Hrs.	SENIOR YEAR	
Chemistry 51-521	8		Sem. Hrs.
Physics 11-12	8	Physics 31-32	6
Bacteriology	2	Economics 31-32	6
Sociology 31-32	6	General Zoology	8
Electives		Electives	

¹ During the war, Chemistry 51-52 was accepted for medical technology instead of 25-26.

PRE-ENGINEERING

High-school seniors looking forward to engineering may move in one of two general directions; namely, they may immediately enter a school of engineering or they may first take pre-engineering in a college of liberal arts. Very often graduates of non-technical preparatory schools find the transition to the technical courses of en-

gineering schools too difficult to handle successfully.

The specimen curriculum outlined below for each branch of engineering pre-supposes a four-year program leading to the Sc.B. degree. Students showing pronounced ability may be admitted to schools of engineering after three years of pre-engineering. In such cases courses are arranged to meet the requirements of the particular schools selected for further study. It is believed, however, that the four-year program will amply repay the student for the extra time and expense involved.

FRESHMAN YEAR1		SOPHOMORE YEAR	Sem. Hrs.
	Sem. Hrs.		
English 1-2	6	Physics 11-12	
Mathematics 3-4	10	Chemistry 25-26	6
Chemistry 11-12	8	Mathematics 21-22	3
French or German		Psychology 11	\ ~~
		French or German (if needed Electives) 01
		Engineering	
	Engineerin		
JUNIOR YEAR		SENIOR YEAR	O TT
	Sem. Hrs.		Sem. Hrs.
Physics 31-32	6	Physics 43-44	
Mathematics 31, 34	6	Physics 51 or 52	3
Descriptive Geometry and		Electives	
Mechanical Drawing	6		
Electives			
	Chemical E	Ingineering	
JUNIOR YEAR		SENIOR YEAR	C II
	Sem. Hrs.		Sem. Hrs.
Chemistry 51-52	8	Chemistry 61-62	
Mathematics 31, 34	6	Chemistry 81-82	
Descriptive Geometry and		Electives	
Mechanical Drawing			
Electives			
	Civil Eng	gineering	
JUNIOR YEAR	C II	SENIOR YEAR	Sem. Hrs.
	Sem. Hrs.	DI . 42.44	5011. 1115.
Physics 31-32		Physics 43-44	3
Mathematics 31, 34	0	Physics 51 or 52	
Biology 34	2		
Descriptive Geometry		Electives	
and		A CONTRACTOR OF THE PARTY OF TH	
Mechanical Drawing	0		
Electives			Il bunnehes

¹ The work of the freshman and sophomore years is the same for all branches of engineering except that students interested in Civil Engineering will elect Biology 11-12 instead of Chemistry 25-26.

JOURNALISM

Dickinson offers a number of background courses intended to develop knowledge and skills adequate to meet the general demands of journalism. This work may be supplemented by practical experience on the college paper and yearbook. Nationally known editors have been quoted as saying they would prefer to recommend to an editorial staff a young person with a liberal arts education, including a thorough grounding in English, rather than one with highly specialized training. A liberal education is more conducive to alertness, insight, and versatility. Dickinson students have gone immediately to positions in journalism and have experienced a high degree of success in this field of activity.

BUSINESS ADMINISTRATION

For the student interested in a business career, Dickinson College offers a well-rounded course of study, within the framework of liberal arts, intended to fit him either for immediate entrance into business enterprise or for further specialization in a graduate school. A combination of technical and cultural courses, as provided in the following specimen curriculum, also enables the student to broaden his usefulness as a citizen in the community. As such, it is centered in the offerings of the field of economics and stresses the social and legal aspects of our economic institutional society; it likewise furnishes acquaintance with laboratory and analytical methods, as well as the cultural background of history and literature necessary to business success.

FRESHMAN YEAR English 1-2 Mathematics 7-8 History 11-12 Foreign Language Natural Science	6 6	Foreign Language Psychology 11 or 12 Social Science 11 or 12 Economics 31-32 Federal Government State and Local Governments Elective	3
JUNIOR YEAR	Sem. Hrs.	SENIOR YEAR	Sem. Hrs.
Foreign Language (if needed) Accounting		Economic History of the United States	
Money and Banking		Recent American History	
Public Utilities		Logic	
Sociology 31-32	6	Public Finance	3
Statistics (Mathematics 44)		Foreign Policy	3
Social Psychology		Personnel Management	
Corporation Economics	2	Law—Property	
		Law—Contracts	
		Labor Problems	3

TEACHING IN SECONDARY SCHOOLS

Graduates of Dickinson College are engaged as administrators and teachers in public-school systems throughout the United States. Prospective teachers concentrate in their particular fields of study and in addition plan to meet the certification requirements in the state in which they intend to teach. The Department of Education at Dickinson College guides the student in meeting these requirements and conducts a placement bureau.

A student who plans to teach in the secondary schools should begin his professional preparation in the sophomore year. A conference with the head of the Department of Education in the freshman year is essential. Permission to complete the professional requirements to teach will depend upon scholastic atttainment, professional interest in teaching, and evidence of a superior teaching personality as determined by the Department of Education during the sophomore, junior, and senior years. All students finally accepted by the Department of Education for training will take the National Teachers Examinations.

The course of studies suggested below will meet the present requirements for a provisional college certificate in Pennsylvania and with slight modification the requirements for Delaware, Maryland, and New Jersey.

FRESHMAN YEAR Sem. Hrs. Regular Freshman Schedule Including Psychology 11 or 12	Sophomore Year Sem. Hrs.
JUNIOR YEAR Sem. Hrs.	SENIOR YEAR Sem. Hrs.
Degree requirements23	Degree requirements24
Education 33 or 34	Education 61-62 6 Psychology 45 or 46;
Psychology 45 or 46;	47 or 48 2
47 or 48	Education or Psychology ¹

¹ As needed to meet State requirements in particular cases.

COURSES OF INSTRUCTION

Below are given, in alphabetical order, the departments of instruction, with a description of the courses offered under each.

Credit for courses is based on the assumption that two hours of study accompany each period of recitation or lecture.

The classification of courses is as follows:

Numbers 1 to 9: Elementary courses (Freshman courses mainly).

Numbers 10 to 19: Sophomore courses mainly.

Number 20 and above are advanced courses.

Odd numbers indicate first semester (fall session) courses; even numbers, second semester (winter session) courses. A year course has two consecutive numbers. A hyphen indicates a year course which cannot be split; a comma between the numbers means one session may be taken. A course offered both sessions is given an odd and even number, e.g., 11 or 12. L following a number signifies a laboratory course.

Starred courses may be elected only with the permission of the instructor. The College reserves the right to add or withdraw courses without notice as conditions require.

BIBLE

See Philosophy and Religion

BIOLOGY

PROFESSOR EDDY, ASSOCIATE PROFESSOR HERBER, MRS. TAYLOR

- 11-12.—General Biology. Lectures and recitations in biological principles, Plant Morphology and Plant Physiology. Six semester hours.
- 11-12L.—BIOLOGY. Laboratory courses in Morphology and Physiology, including also a limited amount of work in Ecology. Four hours, counting as two semester hours.
- 23-24.—General Zoology. Lectures and recitations in Animal Morphology, Physiology, and Comparative Anatomy. Four semester hours.
- 23-24L.—ZOOLOGY. Laboratory course in Animal Morphology. Eight hours, counting as four semester hours.
- 32.—MAMMALIAN ANATOMY. Based on the dissection of the cat. May be taken concurrently with Course 23-24. Four hours, counting as two semester hours.
- 34.—Bacteriology. The cultivation and identification of bacteria. The bacteriological analysis of water, milk, and sewage. Prerequisite: Biology 11-12. Four hours, counting as two semester hours.
- 41-42.—HISTOLOGY. Lecture course. The study of animal tissues and organography. Two semester hours.
- 41-42L.—Histology. Laboratory course. The study of animal tissues and introduction to technique. Two semester hours.
- 44.—EMBRYOLOGY. Lecture course. The study of the development of animals. Two semester hours.
- 44L.—Embryology. Laboratory course. The study of development and methods used in experimental embryology. One semester hour.
- 45.—Physiology. Lecture course. General principles of physiology and their relation to other sciences. Two semester hours.
- 45L.—Physiology. Laboratory course. The experiments performed include blood counting, surface tension, digestion, and the making of kymograph records of muscle nerve preparations. *One semester hour*.
- 51.—Genetics. A study of the principles of heredity, their practical application, and relation to evolution and eugenics. Two semester hours.
- 53.—PARASITOLOGY. Parasites in relation to disease; their life histories and geographical distribution. May be taken concurrently with Course 23-24. One hour lecture and recitation, two hours laboratory counting as one. Two semester hours.
- 54.—Systematic Botany. Classroom and fieldwork aiming to acquaint the student with the local flora. Given when elected by a sufficient number of students. Two semester hours.
- 62.—Entomology. The study of insects and parasitic forms. Prerequisite: Biology 11-12. One hour lecture and recitation, two hours laboratory counting as one. Two semester hours.
- 65.—ECOLOGY. Plants and animals in relation to environment. Lectures, laboratory, and fieldwork. Prerequisite: Biology 11-12. One hour lecture and recitation, two hours laboratory counting as one. Given when elected by a sufficient number of students. Two semester hours.
- *81-82.—Special Problems. Laboratory course. Topics are assigned for investigation, including laboratory technique procedures. One or two semester hours.

Major: 30 semester hours, including Biology 11-12 and 23-24.

Minor: 18 semester hours, including Biology 11-12.

CHEMISTRY

PROFESSORS VUILLEUMIER AND ROGERS,

Assistant Professor Embick, Mr. Gleim

- 11-12.—General Inorganic Chemistry. Lecture course. The material presented in the text is supplemented by lecture experiments and explanations. Students are given practice in stoichiometrical and other types of chemical problems. Six semester hours.
- 11-12L.—General Inorganic Chemistry. Laboratory course. The laboratory work of the first year consists of the performance by each student of a series of experiments illustrating the important general principles and facts of the science, the properties of the more important elements, and the laws of chemical action. The details of manipulation of these experiments are given, but with a view to cultivating the powers of observation. The student is required to observe carefully and describe clearly the results of each experiment. Two semester hours.
- 25-26.—QUALITATIVE ANALYSIS AND ELEMENTARY PHYSICAL CHEMISTRY. Lecture course. Two semester hours are devoted to a study of the reactions of the common metal ions and acids or anions and schemes of analysis involving these ions. The other two hours comprise a study of physico-chemical principles fundamental to analytical chemistry such as the structure of compounds, the coordination theory, methods of expressing the concentration of solutions, physical and chemical equilibrium, solubility product, complex ions, redox reactions, hydrogen-ion concentration, conductance, and the colloidal state. Prerequisite: Course 11-12. Four semester hours.
- 25-26L.—QUALITATIVE ANALYSIS. Laboratory course. Qualitative Analysis, to accompany Course 25-26. The usual preliminary experiments are performed with the common metal ions and acids or anions. Schemes of analysis for the metal ions and a systematic detection of the acids are then performed leading to the analysis of simple substances, mixtures of simple substances and some of the common alloys. Semi-micro methods are used. Four semester hours.
- 51-52.—Organic Chemistry. Lecture course. An elective course devoted to the principal classes of organic compounds, aliphatic and aromatic, with emphasis upon class reaction and the structure theory. Prerequisite: Course 25-26. Four semester hours.
- 51-52L.—Organic Chemistry. Laboratory course. A course in Organic Preparations to accompany Course 51-52. Laboratory work in the preparation and purification of compounds selected from the aliphatic and aromatic series for the illustration of important synthetic reactions; verification of the constants of these compounds; methods of organic analysis. Four semester hours.
- 53.—Advanced Organic Chemistry. Lecture Course. This course is principally devoted to the methods of identifying organic compounds. Prerequisite: Course 51-52. Two semester hours.
- 53L.—Advanced Organic Chemistry. Laboratory course to accompany 53. One semester hour.
- 61-62.—QUANTITATIVE ANALYSIS. Lecture course. The work comprises one lecture hour per week devoted to the fundamental principles of volumetric and gravimetric analysis. Prerequisite: Course 25-26. One semester hour.

61-62L.—QUANTITATIVE ANALYSIS. Laboratory course. Quantitative Analysis, to accompany Course 61-62. Experiments are performed which illustrate the fundamental principles of volumetric and gravimetric methods of analysis. The course is flexible and latitude is allowed students manifesting interest and ability. Semester hour credits vary, depending upon the number of laboratory hours the student elects.

64.—Advanced Quantitative Analysis. Lecture course. This is an elective course devoted to the study of more advanced methods of analysis, including instrumental analysis applicable to the industrial field. Prerequisite: Course 61-62 and 51-52. One semester hour.

64L.—Advanced Quantitative Analysis. Laboratory course to accompany 64. One semester hour.

*81-82.—Physical Chemistry. Lecture course. An elective course in physical or theoretical chemistry which is devoted to the study of the kinetic theory of gases, the physical properties of liquids and crystals, the relation between physical properties and molecular constitution, quantitative energy relations involved in elementary thermodynamics, the properties of solution, the colloidal state of matter, homogeneous and heterogeneous equilibrium, chemical kinetics, electrochemistry, structure of the atom and the electronic theory of valency. Prerequisite: Course 25-26 and Mathematics 32. Chemistry 51-52 and 61-62 are desirable. Two semester hours.

*81-82L.—Physical Chemistry. Laboratory course to accompany 81-82. Experiments are performed which acquaint the student with important types of physicochemical equipment. The work comprises determinations of molecular weight, density, viscosity, refractive index, surface tension, solubility, transition points, equilibrium constants, conductance and electromotive force. Additional experiments are performed in colloid chemistry. One semester hour.

Major: 30 semester hours, including Chemistry 11-12, 25-26, 51-52, and 61-62.

Minor: 16 semester hours, including Chemistry 11-12, 25-26 or 51-52.

CLASSICAL LANGUAGES AND LITERATURES

PROFESSOR BISHOP, ASSISTANT PROFESSOR AVERY

Greek

- 1-2.—FIRST-YEAR GREEK. Emphasis will be laid upon forms, vocabulary, and the fundamental principles of Greek grammar. The class will read easy selections from Greek prose authors and try to get an idea of Greek private life. Six semester hours.
- 11-12.—Second-Year Greek. This course will include a review of grammar and the reading of Attic prose in the first semester, and in the second semester, selections from Homer's *Iliad*, as well as from the Gospel of Mark. Six semester hours.
- 23.—Greek Private and Public Life. No knowledge of Greek is required. Three semester hours.
- 31-32.—Greek Literature Survey. Reading of typical Greek authors, such as Herodotos, Selections; Thucydides, Book I; Lysias; Plato, Apology; Euripides, Alcestis. Supplementary reading from Greek literature in English translation. Three or six semester hours.
- 43, 44.—CLASSICAL ARCHAEOLOGY. First semester, Greek Archaeology, with particular emphasis on topography, sculpture, and architecture. Second semester, Roman Archaeology. Either semester may be taken separately. Two or four semester hours.

Major: 24 semester hours, including Greek 11-12, 23, 31-32, 43, and History 21 and 22.

Minor: 15 semester hours, including Greek 11-12, 23, and 31-32.

Latin

- 1-2.—FIRST-YEAR LATIN. Drill in the fundamentals of Latin grammar, with added reading of Latin prose in the second semester. Six semester hours.
- 11-12—Intermediate Latin. Grammar and prose composition. Selected readings from Latin prose and poetry. Public and private life of the Romans. Offered for those entering with two or three units of Latin, or for those who have completed Latin 1-2. Six semester hours.
- 21-22.—ROMAN HISTORIANS. Selections from Livy, Sallust, and Suetonius. Review of grammar. Parallel reading in Roman history and government. Reports on assigned topics.

Horace: Odes and Epodes. The life and literature of the Augustan Age. Horace and his philosophy of life. Six semester hours.

31.—PLAUTUS AND TERENCE. Reading of at least two plays of each poet. Study of the ancient theater and of the literature of the Roman Republic. To be given 1949-50. Three semester hours.

- 32.—Letters of Cicero. The life and character of Cicero as revealed in his letters; a study of the political and social conditions of his Age. To be given 1949-50. Three semester hours.
- 33-34.—Prose Composition. Special attention is given to Latin idiom and sentence structure. Much practice in both oral and written composition. Given every year. Two semester hours.
- 41.—VIRGIL: the Bucolics, Georgics and portions of the Aeneid, VII-XII. Virgil's life and literary influence. Comparison of his epic with the epic poems of other literatures. To be given 1947-48. Three semester hours.
- 42.—ROMAN SATIRE. Horace, Juvenal, and Petronius. The origin and development of Roman satire; study of Roman social life. To be given 1947-48. Three semester hours.
- 45.—CATULLUS AND OVID. Catullus as a lyric poet; his influence upon later writers. The *Metamorphoses* of Ovid; special attention is given to classical mythology and art. *To be given 1948-49. Three semester hours.*
- 46.—ROMAN PHILOSOPHY. Lucretius, Selections; Cicero, Tusculans; Seneca, Essays and Letters. To be given 1948-49. Three semester hours.

Major: 29 semester hours, including Latin 11-12, 21-22, 33-34, and History 23 and 24.

Minor: 18 semester hours, including Latin 11-12 and 21-22.

ECONOMICS

See Social Science

EDUCATION AND PSYCHOLOGY

Professor Thompson, Associate Professor James, Assistant Professor Bowman, Mr. Morrison, Mr. Wanner

Education

- 21 or 22.—Principles of Secondary Education. This course performs the twofold function of a general introduction to the field of education and a systematic analysis of the basic principles involved in a constructive theory of education—aims, values, agencies, the curriculum, organization, practice—serviceable to the citizen and the teacher. Text, supplementary lectures, assigned readings. Three semester hours.
- 31 or 32.—Educational Psychology. An introductory course in the facts and principles of psychology which relate practically and directly to the general and specific problems of education, involving such problems as arise in connection with the curriculum, methods of learning and of teaching, classification, etc. Emphasis is laid upon the results of scientific study. Text, lectures, readings, problems, reports. Prerequisite: Psychology 11 or 12. Three semester hours.
- 33 or 34.—Methods of Teaching in Secondary Education. This course is designed to acquaint the student with the best philosophic and scientific data in the solution of the varied problems confronting the classroom teacher, with particular reference to the high school. Stress is laid upon the various types of learning and teaching, methods of organization and control, looking to the development of a flexible and effective classroom technique. Text, supplementary lectures, readings, reports. Open to juniors and seniors who plan to teach. Prerequisite: Education 31 or 32. Three semester hours.
- 35 or 36.—HISTORY AND PHILOSOPHY OF EDUCATION. Education as a great social agency with a background of the general history of civilization constitutes the point of view of this course. Special stress is laid upon the development of education in the United States. Text, lectures, assigned readings, reports. Three semester hours.
- *39 or 40.—Curriculum. The curriculum of progressive junior and senior high schools is the major basis of this course, with particular attention to curricula in the subject-matter of the student's field of concentration. The contributions of educational philosophy, psychology, sociology, and history to a progressive adjustment in academic, cultural, and technical courses of study are evaluated, with stress on some of the more significant principles and methods of curriculum and course of study construction and revision. Lectures, discussions, special reports and readings, and a thesis. Three semester hours.
- 43 or 44.—EDUCATIONAL MEASUREMENT. An introductory course seeking to interpret the general principles of educational measurement, with emphasis on such topics as: significance of the modern test movement; uses and abuses of tests; types of tests and scales; their validity; principles of selection and design; technique of administering and scoring, tabulating and interpreting results. Numerous individual tests are critically examined and evaluated. Text, lectures, readings, reports. Prerequisite: Education 31 or 32. Two semester hours.

- 47 or 48.—Special Methods. Specific methods of teaching as applied to the specialized fields for which the student is preparing. Whenever possible the course is given by a member of the department in which the student has his major. To be elected along with Education 33 or 34. Open to juniors. Prerequisite: Education 31 or 32. One semester hour.
- 51 or 52.—VISUAL AND SENSORY TECHNIQUES. A study of the visual and sensory techniques currently used in classroom procedure. Lectures, demonstrations, reports, laboratory work. A laboratory fee of \$5.00 is charged for work in this course. One semester hour.
- 61-62.—Supervised Practice Teaching. Permission to elect this course must be secured from the head of the department and will depend upon the scholastic attainment, professional interest in teaching, evidence of a superior teaching personality in the student, and the opportunities available for this work in the nearby high schools. The College will endeavor to make convenient arrangements for the student who meets the requirements for practice teaching; but travel involved and hours of work are primarily the responsibility of the student. A laboratory fee of \$25.00 is charged for work in this course. Open only to approved seniors. Prerequisites: Education 33 or 34 and Education 47 or 48. Six semester hours.

Note: This department does not offer a major in Education. The student preparing to teach completes his major in another department of the college. The requirement for a minor in Education is eighteen semester hours credit in departmental course work.

Psychology

- 11 or 12.—Brief Introduction to General Psychology. This course is a prerequisite to all other courses offered in psychology. Three semester hours.
- 21-22.—PSYCHOLOGICAL LABORATORY. An introductory course in Experimental Psychology, designed to acquaint the student with the method of determining the more elementary facts of human behavior. Exercises in Sensation, Attention, Perception, Memory, Affection, and Motor processes. A laboratory fee of \$10.00 is charged for work in this course. Eight hours, counting as four semester hours.
- 41 or 42.—Social Psychology. A study of the principles of psychology as they are related to the problems of society. The point of attack on these problems is psychological, and the interpretation is in terms of the latest scientific viewpoints in psychology. In alternate years; to be given 1948-49. Three semester hours.
- 43 or 44.—APPLIED PSYCHOLOGY. Lectures and experiments illustrating the applications of psychology to the day-to-day situations which accompany human relations in such areas as business, industry, and professional pursuits. *In alternate years; to be given 1947-48. Two semester hours.*
- 45 or 46.—Child Psychology. An introduction to the study of the essentials of child life, together with the psychological principles involved. Two semester hours.
- 47 or 48.—Adolescent Psychology. Detailed study of the characteristics of adolescence with emphasis on the genetic development of the individual and an interpretation of the special problems of youth in psychological terms. Two semester hours.

- 51 or 52.—An Introduction to Mental Hygiene. An introduction to mental hygiene. The purpose of this course is to enable the student to construct for himself a wholesome view of mental life. It should help one to avoid pathological deviations for himself and to recognize such unwholesome conditions when he meets them in other people. A study of the origins and development of personality and of the methods used to measure it. *Three semester hours*.
- 53.—Mental Measurement-Theory. A review of the history of the mental measurement movement, together with a study of the techniques of test building, and analyses of outstanding tests; demonstrations, lecture, and practical work. Two semester hours.
- *54.—Mental Measurement-Practice. Supervised practical experience in the administration and interpretation of individual and group mental tests. A laboratory fee of \$7.50 is charged for work in this course. Prerequisite: Psychology 53. Four hours, counting as two semester hours.
- 57 or 58.—Industrial Psychology. A study of those psychological principles which contribute to that knowledge of human behavior which is of especial value for business and industry in the efficient management of personnel, and in the manufacture, movement, and sale of goods. In alternate years; to be given 1948-49. Three semester hours.
- *61 or 62.—Systematic Psychology. An examination of the various viewpoints in psychology. Detailed study of terms, methods, and the philosophical implications of the various schools of psychology. Lectures, textbook readings, special papers and discussions. In alternate years; to be given 1947-48. Three semester hours.
- 63 or 64.—HISTORY OF PSYCHOLOGY. A study of the development of scientific psychology during the last hundred years with a survey of the backgrounds in philosophical psychology. The purpose of this course is to acquaint the student with the constantly widening range of the experimental and quantitative methods with the emphasis upon the results of research as opposed to the progress of psychological theory. In alternate years; to be given 1947-48. Three semester hours.
- *65 or 66.—Abnormal Psychology. An introduction to the field of abnormal psychology designed for the advanced undergraduate. The facts presented are valuable as background for medical students and for those who contemplate social and educational work. Open to juniors and seniors who are Psychology Majors, Minors, and Pre-Medical students. In alternate years; to be given 1948-49. Three semester hours.
- *67 or 68.—Legal Psychology. A survey of those areas of psychological investigation which are of particular import to the legal profession. The concept of legal aptitude, psychological problems relating to the causes of criminal behavior, the determination of guilt, and other topics are treated by lecture, demonstration, discussion, and practical work. Open to juniors and seniors who are Pre-legal students. One semester hour.

Note: The courses offered in this department are of a general and introductory character and are designed to lay the foundation upon which the student may build a career in psychology after graduate study, rather than to prepare for a specific vocation upon graduation from college:

Major: 24 semester hours in departmental course work.

Minor: 18 semester hours in departmental course work.

ENGLISH

PROFESSORS BARNES AND MEREDITH, ASSOCIATE PROFESSORS SWIFT, SCHECTER, SLOANE, ASSISTANT PROFESSOR SPONG, Mr. HUDSON

- 1-2.—English Composition. A study of the principles of grammar and rhetoric necessary for clear and vigorous written English. A weekly theme provides practice in the various kinds of expository writing. In the second semester the student is introduced to the study of literature. Required of all freshmen. Six semester hours.
- 11-12.—A Survey of English Literature. A foundation course in English literature. The course traces the growth of literary types and values against the background of history, from earliest times to the present. Six semester hours.
- 25 or 26.—Advanced Composition. An intensive course in the techniques of practical writing. Special attention is given to the development of ideas and their critical appraisal through exposition. *Three semester hours*.
- 27 or 28.—Journalistic English. A practical course in news writing. The course includes a brief study of the organization of the newspaper, an introduction to the law of libel, and a discussion of newspaper ethics. Emphasis is placed on the role of the reporter in news gathering and writing, with regular practice in writing the simple story types. Three semester hours.
- 33 or 34.—Oral English. The theory of and practice in the fundamentals of public speaking. Two semester hours.
- 35.—HISTORY OF THE ENGLISH LANGUAGE. A study of the origins and growth of the English language from earliest times to the present. Three semester hours.
- 36.—Structure of the English Language. A course in advanced English grammar with an introduction to semantics, intended for language students and those preparing to teach English. *Three semester hours*.
- 37-38.—World Literature. A survey of the world's greatest literature from earliest times. Weekly lectures are given by various members of the faculty. Detailed classroom study of outstanding literary types. Six semester hours.
- 39.—English Drama. The development of English drama from the liturgical play to the late 18th century comedy of manners. Two semester hours.
- 40.—MODERN DRAMA. The contemporary theatre, with a brief survey of the work of Ibsen and his Continental followers. Two semester hours.
- 41.—Shakespeare. Comedies and Histories. The works of Shakespeare's apprenticeship and early maturity, with particular emphasis on Shakespearean stage-craft. Three semester hours.
- 42.—Shakespeare. Tragedies and Romances. A study of Shakespeare's later work, especially Hamlet, Macbeth, Othello, King Lear, A Winter's Tale, and The Tempest. Three semester hours.
- 43.—English Literature of the 18th Century. A study of representative English prose and poetry from Pope to Johnson. Prerequisite: English 11-12. To be given 1947-48. Three semester hours.

- 44.—Chaucer. A careful study of Chaucer's major works especially The Canterbury Tales and Troilus and Criseyde. Prerequisite: English 35. Three semester hours.
- 45-46.—A SURVEY OF AMERICAN LITERATURE. Major literary trends traced from Puritan and Revolutionary times, with emphasis on the Romantic writers, Irving, Hawthorne, Emerson, Thoreau, and Longfellow. Prerequisite: English 11-12. Six semester hours.
- 51-52.—Studies of Contemporary Literature in Translation. A series of short studies of twentieth century writers of influence in various countries, with an emphasis on Russian writers. Special attention is given to Nobel and other prize winners. To be given 1947-48. Four semester hours.
- 53-54.—ENGLISH LITERATURE OF THE 17TH CENTURY. First semester: a study of the important poets and prose writers of the 17th century, from Donne to Dryden. Second semester: a detailed study of the prose and poetry of John Milton. Prerequisite: English 11-12. Six semester hours.
- 61.—ENGLISH PROSE OF THE 19TH CENTURY. A study of the important non-fiction prose works of the period with particular reference to Romantic criticism and the works of the later Victorians. Prerequisite: English 11-12. To be given 1948-49. Two semester hours.
- 62.—ENGLISH POETRY—VICTORIAN. Detailed study of selected readings from nineteenth century English poets, with an emphasis on Victorian poets. Special attention is given to the poetry of Tennyson and Browning. Prerequisite: English 11-12. Two semester hours.
- 81, 82.—Creative Writing. An examination of the writer's art and the student's own composition. Classroom discussion and individual conferences. Experience with writing and criticizing various forms of prose, especially descriptive and narrative. To be given 1948-49. Two semester hours.
- 85.—The English Novel. A chronological study of the development of the English novel from the late sixteenth to the early twentieth century. Emphasis is placed on the development of individual standards of appreciation and criticism. Many of the great novels of the language are read outside of class. Three semester hours.
- 91-92.—LITERARY CRITICISM. An introduction to the works of the major critics. This course is a seminar for the discussion of the great critics from Plato to T. S. Eliot. Each student will undertake a project in original criticism. Open only to students with an average of B or above. Prerequisite: English 11-12. To be given 1947-48. Six semester hours.

Note: Courses for which dates are given will be given in alternate years. Other courses are given yearly.

Major: 30 semester hours, including English 11-12, 35, 41, 42, and 8 hours from the following group: English 43, 44, 53-54, 61, 62.

Minor: 18 semester hours, including English 11-12.

ETHICS

See Philosophy

FRENCH

See Modern Languages and Literatures

GEOLOGY

Assistant Professor Embick

- 21.—Physical Geology. Covers geological principles and external processes, including rock weathering and soils, river action and valley development, and glacial effects. Studied with a view to their application to the State of Pennsylvania. Internal processes and their effects are examined, along with earth movement in mountain building, faulting and folding, and rift valleys. Three semester hours.
- 22.—HISTORICAL GEOLOGY. This course places emphasis on the excellent Ordovician, Silurian, and Devonian series of strata surrounding Dickinson College, especially in Cumberland and Perry counties. The fundamentals of correlation by means of fossil faunas are taught by field and laboratory exercise. Three semester hours.
- 23.—MINERALOGY. A course in descriptive mineralogy in which the various mineral groups are studied. Minerals of economic importance are stressed. Two semester hours.
- 24.—MINERALOGY. A study of minerals with the determination of unknowns by the standard methods. The classification of minerals as chemical compounds and as rock builders is the chief aim of the course. Prerequisite Chemistry 11-12. Two semester hours.
- 25 or 26.—Introductory Paleontology. This course takes up the chief taxonomic fossil groups with fossils of Pennsylvania Paleozoic formations being stressed. The purpose of the course is to familiarize the student with the fossil faunas of the State of Pennsylvania that he may determine for himself the age of the fossiliferous rocks within the state. Counts toward a biology major. A laboratory fee of \$2.50 is charged for this course. Two semester hours.

GERMAN

See Modern Languages and Literatures

GREEK

See Classical Languages and Literatures

HISTORY

PROFESSOR WING, ASSOCIATE PROFESSORS STOUGH AND BELL, ASSISTANT PROFESSOR PFLAUM, MR. KELLOGG, MR. SMITH

- 11-12.—Survey of World History. The primary objective is to acquaint the student with the principal phases of human development in the past 6000 years. Although the history of European civilization is emphasized, some attention is given to significant events in the history of the Western Hemisphere and of Asia. Economic, social, and cultural phases are studied, as well as the political and military. Considerable emphasis is given to teaching the proper methods of historical study and investigation, and to developing habits of precision in knowledge and of tolerance in judgment. Required for major or minor in History. Six semester hours.
- 17-18.—AMERICAN HISTORY, 1492-1914. The history of European discovery and settlement in the Western Hemisphere is followed by an intensive study of the colonial and national periods of the region now known as the United States. Only incidental attention is given to the development of Canada and Latin America. This course is continued in History 55 and in History 75, 76. Required for major or minor in History; prerequisite for all other courses in American History except 39, 40, 48. Six semester hours.
- 21, 22.—HELLENIC HISTORY. A study of the Greek people from 1100 B. C. to the Roman era. Emphasis is placed on the development and achievements of the Hellenes in the fifth and fourth centuries before Christ. The Aegean World is treated briefly as an introduction to the history of the Hellenes. Some attention is also given to the spread of Hellenic ideas and their adaptation in the period following the death of Alexander. Alternates with History 23, 24; to be given 1948-49. Three or six semester hours.
- 23, 24.—ROMAN HISTORY. A study of the development of the Roman people from 1100 B. C. to 400 A. D. The history of the period from 200 B. C. to 200 A. D. is emphasized. Attention is given not only to the military and political developments of the Roman Empire but also to the characteristic products of Roman civilization. Alternates with History 21, 22; to be given 1947-48. Three or six semester hours.
- 29.—Mediaeval History, 395-1543. After a brief review of conditions in the later Roman Empire and of the development of the Christian Church, the work is devoted to a survey of the narrative history of the Middle Ages, to the study of the development of Mediaeval institutions, and to the understanding of Mediaeval civilization and ideals. Two semester hours.
- 39 or 40.—UNITED STATES HISTORY, 1789 to 1946. A brief course for those who do not enroll in History 17-18. Emphasis is placed on the major political and economic events and movements. May not be counted for major or minor in History. Three semester hours.
- 43.—English History, 55 B. C. to 1603 A. D. A study of the contributions to England by the Romans, Saxons, and Normans. Emphasis is placed on the foundations of national unity and the formation of a united English nation. Attention is given to the cultural, social, and economic phases of the period. Three semester hours.

- 46.—English History, 1603 to date. Emphasis is placed on the expansion of England and the motives for the acquisition of the British Empire. Attention is given to the study of the English side of the American Revolution, the Industrial Revolution, the reform movements in England, and the growth of democracy. Three semester hours.
- 47.—AMERICAN COLONIAL HISTORY. A survey of the North American Continent in the period from discoveries to the American Revolution, with special emphasis on the English settlements in the continental United States. Two semester hours.
- 48.—HISTORY OF PENNSYLVANIA, from the founding to date. Political, social, and economic development of Pennsylvania, including a survey of the European background and motives for colonizing Pennsylvania, emphasis on various racial groups in Pennsylvania and their contribution to the state, and a study of the land system and westward expansion. Three semester hours.
- 49.—AMERICAN CULTURAL HISTORY. An intensive study of American cultural achievements, including arts, letters, sciences. In 1946-47 the period discussed was the Age of the Enlightenment, especially the interrelations of American, English, and Continental cultural centers. Two semester hours.
- 55.—RECENT AMERICAN HISTORY, 1914-47. After a brief review of the history of the United States in the period between the Spanish-American War and World War I, the work of the course is devoted to an analysis of the development of the American nation in the more recent period. Emphasis is given to economic and social developments as well as to political and military. Some attention is paid to cultural, scientific, and religious trends. *Two semester hours*.
- 56.—HISTORY OF LATIN AMERICA. The principal topics included are: exploration and colonization of the New World by the Spanish and Portuguese, administrative policies, wars of independence, history of the Latin nations in the Western Hemisphere during the nineteenth century, establishment of the Pan-American Union, relations of Latin America with the United States and with Europe. Three semester hours.
- 61.—MODERN EUROPEAN HISTORY, 1500-1815. The work of this semester includes the later phases of the Renaissance, the widening interests of Europeans in science and discovery, the break with authority in the Protestant Reformation and in the economic, social, and political revolutions of the eighteenth century. Three semester hours.
- 62.—HISTORY OF EUROPE IN THE NINETEENTH CENTURY. The work of the semester is divided between the national movements and the economic, social, and cultural developments of the period from 1815 to 1914. This course is continued in History 75. Three semester hours.
- 63.—HISTORY OF THE BRITISH EMPIRE from 1600 to date. An historical study of the methods of acquiring the Empire, its resources, organization, and policies. Much attention is given to the native problem in the various parts of the Empire, and to the imperial military geography of the Empire. Two semester hours.
- 64.—Comparative Study of the British, French, and Netherlands Empires. A continuation of History 63. Two semester hours.

- 73, 74.—HISTORY OF RUSSIA AND ITS NEIGHBORS. The work of the first semester is devoted to the history of the Slavic peoples of Eastern Europe and their neighbors, in the period 400-1801 A. D.; that of the second semester, to the history of the same region in the nineteenth and twentieth centuries. Special attention is directed to the study of the history and institutions of the Soviet Union. Three or six semester hours.
- 75, 76.—World War II. The work of the first semester is devoted mainly to the European phases of the war. A careful study is made of the history of Europe from the outbreak of World War I to December, 1941, of the efforts that were made to insure peace, and of the problems and trends that led to the Second World War. The work of the second semester continues the study of World War II with special emphasis on the participation of the United States and Japan to the surrender of both Germany and Japan in 1945. The history of the Americas and of the Middle and Far East from 1914 to the present time is studied in some detail. A special effort is made to interpret the whole struggle and to appraise the plans proposed to insure a just and durable peace. Three or six semester hours.
- 77.—INTRODUCTION TO PHYSICAL AND ECONOMIC GEOGRAPHY. After a brief survey of the general principles of geography and cartography the course is concerned with three principal subjects: climate, landforms, and economic geography. Three semester hours.
- 78.—Cultural and Historical Geography. The work of this course comprises four related subjects: cultural geography, historical geology, the history of geographical discovery and of the development of geographical science, and the interrelation of geography and history. Two semester hours.
- 81.—DIPLOMATIC HISTORY OF THE UNITED STATES, 1778 to date. A study of the diplomacy of the American Revolution and of the leading American treaties and conventions to which the United States has been a party. The main emphasis is placed on geography and map studies, and the manner in which the United States has expanded. Some study is made of biography. Three semester hours.
- 82.—Social History of The United States, 1790-1840, from diaries and journals of travel. The main topics taken up are: religion, education, roads and inns, amusements, towns and cities, health, food and diet. Two semester hours.
- 83.—HISTORY OF THE NEAR EAST. After a survey of the history of Southeastern Europe and of Southern and Southwestern Asia in the period from 395 to 1500, special attention is given to the relations of the Ottoman Empire and other peoples of the Moslem world to the European powers in the modern era. Two semester hours.
- 84.—HISTORY OF MEDIAEVAL AND MODERN INDIA. After a survey of the Hindu and Moslem periods of Indian History preceding the British conquests, the work of the course is concerned principally with the history of India and its relation with the British Empire in the past 200 years. Attention is given to the part India took in the two World Wars and to the problems of the post war era. Two semester hours.
- 85, 86.—HISTORY OF THE FAR EAST. In the first semester a study is made of the origins and historical development of the peoples of Eastern Asia and of the Southwestern Pacific from earliest times to the moment that they were drawn into the sphere of European and American interests. Attention is given to social, cultural, and religious trends, as well as to the narrative of events. The second semes-

ter is devoted to the history of the Far East in the past one hundred and twenty-five years and to the problems of this region in relation to the rest of the world. Two or four semester hours.

87.—AMERICAN CONSTITUTIONAL HISTORY. A study of the process by which the American Federal Constitution was founded and a narrative account of its historical development with emphasis on the forces that brought about changes and on the evolving interpretations of the constitution by the courts. Three semester hours.

88.—American History in Civil War Period. A study of the Middle period of American History from 1840-1880 with special reference to the Civil War. *Two semester hours*.

Major: 30 semester hours, including History 11-12, 17-18, 75 and 76, and a course in English History or in European History.

Minor: 18 semester hours, including History 11-12 and 17-18.

ITALIAN

See Modern Languages and Literatures

LATIN

See Classical Languages and Literatures

LAW

See Pre-Law, page 39

MATHEMATICS

PROFESSOR AYRES, ASSISTANT PROFESSORS KUEBLER AND SMITH

- 1.—College Algebra. A brief review of intermediate algebra, followed by theory of equations, permutations, combinations, probability, the binomial theorem, determinants, and logarithms. *Three semester hours*.
- 2.—Trigonometry. The trigonometric functions, solution of triangles with applications, identities, and equations. Three semester hours.
- 3-4.—Introduction to Mathematical Analysis. A course combining algebra, trigonometry, and analytical geometry. Designed for students who will continue in mathematics. *Ten semester hours*.
- 7-8.—MATHEMATICAL THEORY OF INVESTMENTS. Designed for students who are looking forward to business as a profession, this course combines selected topics in algebra with a mathematical treatment of interest, annuities, sinking funds, evaluation of bonds, and life insurance. Six semester hours.

- 9, 10.—General Mathematics. A study of linear, quadratic, power, exponential, logarithmic, and trigonometric functions; simple and compound interest; empirical equations; elements of statistics. Designed primarily as a terminal course. Three or six semester hours.
- 21-22.—CALCULUS I, II. The standard formulas of differentiation and integration with applications. Prerequisite: Mathematics 3-4. Six semester hours.
- 24.—Descriptive Geometry. A study of the fundamentals of descriptive geometry, including reference systems, representation of the point, line, and plane. A study of the various surfaces and solids; their sections, developments, and intersections. Special emphasis is placed upon spatial imagination. Prerequisite: Solid Geometry. Three semester hours.
- 31.—CALCULUS III. A continuation of Mathematics 21-22; improper integrals, partial differentiation, double and triple integrals with applications. Three semester hours.
- 34.—DIFFERENTIAL EQUATIONS. A study of ordinary differential equations of the first and second orders, and linear equations of higher orders with applications. Prerequisite: Mathematics 21-22. Three semester hours.
- 41.—ANALYTICAL GEOMETRY OF SPACE. A study of the plane and the quadric surfaces. Prerequisite: Mathematics 21-22. Three semester hours.
- 44.—Statistics. An elementary course requiring no knowledge of Calculus. Measures of central tendency and dispersion, simple correlation, index numbers. Prerequisite: One semester of college mathematics. *Three semester hours*.
- 51.—Projective Geometry. A synthetic treatment of projection, section, perspectivities, projectivities, involutions, point and line conics. *Three semester hours*.
- 52.—Introduction to Modern Algebra. A continuation of Mathematics 3-4, with attention to the modern theories of algebra. Three semester hours.
- 54.—Theory of Equations. A continuation of Mathematics 3-4, with particular attention to the solution of equations. Prerequisite: Mathematics 21-22. Three semester hours.

Note: The mathematics requirement for the degree of Bachelor of Science may be satisfied by Mathematics 1-2, Mathematics 3-4, or Mathematics 9-10.

Major: 24 semester hours, including 21-22, 31, 34.

Minor: 12 semester hours, including 21-22.

MODERN LANGUAGES AND LITERATURES

Professor Grimm, Associate Professors Taintor, Weigel, Zissa, Sandels, Assistant Professors Avery and Eaton, Mr. Engelmann, Mr. Spahr, Miss Martin

French

1-2.—ELEMENTARY FRENCH. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.

- 11-12.—INTERMEDIATE FRENCH. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: French 1-2, or the equivalent. Six semester hours.
- 31-32.—French Conversation and Composition. The chief aim of this course is to teach the student to speak and understand the language. Pronunciation is taught and corrected by the phonetics method. Grammar review and composition. Course partly conducted in French. Prerequisite: French 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 33-34.—Survey of French Literature. Rapid reading of the masterpieces of French literature. Prerequisite: French 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 41-42.—Advanced French Conversation and Composition. A continuation of French 31-32. Course conducted in French. Prerequisite: French 31-32, with a grade of at least C, or the equivalent. Six semester hours.
- 51-52.—French Literature of the Seventeenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33-34, with a grade of at least C, or the equivalent. To be given 1948-49. Six semester hours.
- 53-54.—French Literature of the Eighteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33-34, with a grade of at least C, or the equivalent. To be given 1949-50. Six semester hours.
- 55-56.—French Literature of the Nineteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: French 33-34, with a grade of at least C, or the equivalent. Six semester hours.
- 61-62.—FRENCH DRAMA. A study of the French theatre from 1600 to the present day. Reading and discussion of representative works. Collateral readings and reports. Prerequisite: French 33-34, with a grade of at least C, or the equivalent. To be given 1948-49. Six semester hours.
- 63-64.—The French Novel. A study of the French novel from 1600 to the present day. Reading and discussion of representative works. Collateral readings and reports. Prerequisite: French 33-34, with a grade of at least C, or the equivalent. Six semester hours.

Major: 30 semester hours, including French 11-12, 31-32, 33-34, and 41-42.

Minor: 18 semester hours, including French 11-12, 31-32, and 33-34.

German

- 1-2.—ELEMENTARY GERMAN. Study of fundamental elements of German grammar. Reading of short stories and poetry of increasing difficulty. Emphasis on oral expression. Six semester hours.
- 11-12.—Intermediate German. Intensive reading of prose and poetry of greater difficulty, with emphasis on vocabulary building. Oral practice based on material read. Review of fundamental principles of grammar. Prerequisite: German 1-2, or the equivalent. Six semester hours.

- 21-22.—Scientific German. A course designed for students majoring in the sciences. Introduction to scientific and technical literature, with drill in sentence structure and word composition. Readings from scientific texts and journals. Prerequisite: German 11-12. Six semester hours.
- 31-32.—German Conversation and Composition. Training in speaking and writing of everyday German. Intensive review of grammar. Prerequisite: German 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 33-34.—Survey of German Literature. An introduction to German literature, presenting its development from the earliest period to the present time. Lectures and readings from representative works. Prerequisite: German 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 41-42.—Advanced German Conversation and Composition. A continuation of German 31-32. Course conducted in German. Prerequisite: German 31-32, with a grade of at least C, or the equivalent. To be given 1948-49. Six semester hours.
- 61-62.—Goethe and Schiller. Reading of Goethe's poems and major prose works during the fall session. The winter session is devoted to Schiller's ballads, dramas and prose writings. Prerequisite: German 33-34, with a grade of at least C, or the equivalent. Six semester hours.
- 65.—The German Lyric. A survey of German lyric poetry from its origins to the present. Reading and discussion of representative authors. Prerequisite: German 33-34, with a grade of at least C, or the equivalent. Three semester hours.
- 66.—The German Drama. The development of the German drama from the medieval mystery plays to the dramatic productions of modern times. Reading and interpretation of representative dramas. Prerequisite: German 33-34, with a grade of at least C, or the equivalent. Three semester hours.
- 67.—The German Short Story. The development of the *Novelle* from Goethe to Thomas Mann, with special emphasis on the authors of Romanticism, Poetic Realism, and modern literary movements. Reading and discussion of representative *Novellen*. Prerequisite: German 33-34, with a grade of at least C, or the equivalent. To be given the fall session 1948-49. Three semester hours.
- 72.—HISTORY OF THE GERMAN LANGUAGE. A study of the various periods of the language, with special emphasis on the development of forms and meanings and the influence of individual men and historical circumstances. Prerequisite: German 11-12, with a grade of at least C, or the equivalent. To be given the winter session 1948-49. Three semester hours.

Major: 30 semester hours, including German 11-12, 31-32, 33-34, and 41-42.

Minor: 18 semester hours, including German 11-12, 31-32, and 33-34.

Italian

- 1-2.—ELEMENTARY ITALIAN. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.
- 11-12.—Intermediate Italian. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: Italian 1-2, or the equivalent. Six semester hours.

Russian

- 1-2.—ELEMENTARY RUSSIAN. Thorough drill in the elements of Russian grammar. Special attention given to pronunciation. Dictation and composition. Reading of elementary texts. Six semester hours.
- 11-12.—INTERMEDIATE RUSSIAN. Grammar review. Reading of texts selected from the field of Modern Russian Literature. Prerequisite: Russian 1-2, or the equivalent. To be given 1948-49. Six semester hours.
- 35-36.—Modern Russian Literature in Translation. Reading and discussion of representative works of Russian Literature of the Nineteenth and Twentieth Centuries. Collateral readings and reports. Six semester hours.

Note: The courses listed here are part of a group of Russian studies recently incorporated in the curriculum. Other courses in this group may be found in History, Political Science, and Sociology.

Major: 24 semester hours, including Russian 11-12, 35-36, History 73, 74.

Minor: 15 semester hours, including Russian 11-12.

Spanish

- 1-2.—ELEMENTARY SPANISH. Thorough drill in grammar. Special attention given to pronunciation and oral work. Composition. Reading of increasing difficulty. Six semester hours.
- 11-12.—INTERMEDIATE SPANISH. Grammar review. Reading and composition. Emphasis on oral work. Prerequisite: Spanish 1-2, or the equivalent. Six semester hours.
- 31-32.—Spanish Conversation and Composition. The chief aim of this course is to teach the student to speak and understand the language. Pronunciation is taught and corrected by the phonetics method. Grammar review and composition. Course partly conducted in Spanish. Prerequisite: Spanish 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 33-34.—Survey of Spanish Literature. Rapid reading of the masterpieces of Spanish literature. Prerequisite: Spanish 11-12, with a grade of at least C, or the equivalent. Six semester hours.
- 41-42.—Advanced Spanish Conversation and Composition. A continuation of Spanish 31-32. Course conducted in Spanish. Prerequisite: Spanish 31-32, with a grade of at least C, or the equivalent. Six semester hours.
- 51-52.—Spanish Literature of The Golden Age. Reading and discussion of representative works of the important writers of the Golden Age. Collateral readings and reports. Prerequisite: Spanish 33-34, with a grade of at least C, or the equivalent. Six semester hours.
- 55-56.—Spanish Literature of The Nineteenth Century. Reading and discussion of representative works of the important writers of the century. Collateral readings and reports. Prerequisite: Spanish 33-34, with a grade of at least C, or the equivalent. To be given 1948-49. Six semester hours.

Major: 30 semester hours, including Spanish 11-12, 31-32, 33-34, and 41-42.

Minor: 18 semester hours, including Spanish 11-12, 31-32, and 33-34.

MUSIC

Associate Professor Schecter

- 41.—THE APPRECIATION OF MUSIC. Includes a study of the growth of music and an analysis of its forms. Previous training in music is not necessary. Two semester hours.
- 42.—The History of Music. Includes a study of eleven great composers. Previous training in music is not necessary. Two semester hours.

PHILOSOPHY AND RELIGION

PROFESSORS ROHRBAUGH AND GOULD, MR. JAMES

- 11 or 12.—Introduction to Philosophy and Religion. A course which surveys the important periods of philosophy with special attention being given to the influences of the physical and social sciences and to the relationship between philosophy and religion. Some of the problems studied are the nature of reality, the sources of knowledge, the interpretation of nature, and the great ends of life. Three semester hours.
- 15 or 16.—Introduction to the Bible. A survey course which aims to assist the student in a scholarly approach to the Bible, the use of commentaries and related material, interpretation of texts, questions of authorship, history, validity, and religious values. The course centers in the Old Testament in its historical and literary setting, with special reference to its ethical and spiritual content. Three semester hours.
- 27.—Science of Religion. Intended to familiarize the student with some of the important results in the scientific study of religion. Primarily a psychological and sociological approach to various phases of the religious life, such as conversion, worship, faith, and prayer. *Three semester hours*.
- 28.—HISTORY OF RELIGIONS. A study of the origin and growth of religion, including an examination of primitive religion, followed by an outline study of the great religions of the world. Special emphasis is given the principal living religions. Three semester hours.
- 29.—The Gospels. A study of the New Testament, centering around the Gospels, which is intended to assist the student in understanding the historical background and special characteristics of the Gospels. The life of Jesus, the Sermon on the Mount, and the Parables are stressed through the use of commentaries and other related materials. Two semester hours.
- 30.—The Acts and Paul's Epistles. A study of the New Testament, centering around the writings and life of Paul, which attempts to relate the New Testament to the life of the early Church and to show its perennial religious and ethical values. Two semester hours.
- 31.—Ethics. A study of the beginnings and growth of morality, the theories of moral life, and the application of these theories in the world of action. Discussion of specific problems arising in everyday life of the individual and group in a democracy. Three semester hours.

- 32.—Logic. A study of the principles and conditions of correct thinking. A careful examination is made of the nature of proof and the detection of fallacies. The laws of correct reasoning, deductive and inductive, are applied to thinking in everyday life. In the latter part of the course the methods of scientific investigation receive special attention. Three semester hours.
- 33, 34.—Philosophy and Life of the Oriental. The Oriental outlook on life contrasted with the Occidental. A study is made of the various Oriental philosophies and cultures as well as of Oriental ways of living. Special consideration is given to China, Japan, Malaysia, and India. The first semester deals with the period before the Western impact; the second semester with the period since the Western impact. Two or four semester hours.
- 41.—Ancient and Mediaeval Philosophy. The successive philosophical systems from the Greeks down to the fall of Constantinople. Emphasis is placed on direct acquaintance with the writings of the various authors and on their permanent contributions to Western culture. Prerequisite: Philosophy 11 or 12. Three semester hours.
- 42.—Modern Philosophy. A study of the development of philosophy from 1453 to the present time. Special emphasis is placed on the works of Descartes, Spinoza, Leibnitz, Locke, Berkeley, Hume, and Kant. There is also a brief survey of present-day schools of thought in the United States. Prerequisite: Philosophy 11 or 12. Three semester hours.

Major: 24 semester hours, including Philosophy 11 or 12, 31, 32, 41, and 42.

Minor: 15 semester hours, including Philosophy 11 or 12, 41, and 42.

PHYSICAL EDUCATION

Men and Women

Assistant Professors Kennedy and MacAndrews, Mrs. Smith, Mr. Steckbeck, Mr. Knapp

Physical education is required of all men and women. This work is scheduled in the freshman and sophomore years, two hours per week, and earns one credit for each of four semesters. Four credits are required for graduation.

The work for men is under the supervision of the Director of Physical Education for men, and the courses are divided into three parts: the testing, the remedial, and the recreation programs. Students are given a series of tests, and those passing the tests are assigned to the recreation program, which consists of instruction and practices in individual and team sports. Those failing the tests and those physically unable are assigned to the remedial program where special activities and considerations are given.

The work for women is under the supervision of the Director of Physical Education for women and is similar to that for men. Instruction and practices are provided in individual and group games. A varied program of activities is mapped out by the faculty staff, and students are assigned to particular activities, according to their needs.

PHYSICS

PROFESSOR PARLIN, ASSISTANT PROFESSOR SMITH

- 11-12.—Elements of Physics. An introduction to the study of the Physical Sciences, including Mechanics, Heat, Sound, Light, and Electricity. Lecture-Demonstration and Recitation, six hours, and Laboratory, four hours. Eight semester hours.
- 21 or 22.—METEOROLOGY. A study of the principles under which the various changes in the atmosphere exist and operate. Lecture and Recitation. Two semester hours.
- 23-24L.—Mechanical Drawing. Theory and practice of Mechanical Drawing leading to business, engineering, and machine design. Six hours counting as three semester hours.
- 31-32.—ELECTRICITY. A study of Direct and Alternating Current, including High Frequency A. C. and Radio. Lecture-Demonstration and Recitation. Six semester hours.
- 43-44.—Geometrical and Physical Optics. A study of the fundamental principles underlying optical phenomena, including various optical systems and their application to optical instruments. A knowledge of Calculus is required. Lecture-Demonstration and Recitation. Six semester hours.
- 51 or 52.—THEORETICAL PHYSICS. The statics and dynamics of a rigid body, including vibratory motion. A knowledge of Calculus is required. Lecture and Recitation. Three semester hours.
- 53 or 54.—Special Problems in Theoretical Physics. Prerequisite: Physics 51 or 52. One semester hour.

Major: 25 semester hours, including Physics 11-12, 31-32, 43-44, 51 or 52.

Minor: 14 semester hours, including Physics 11-12.

POLITICAL SCIENCE

See Social Science

PSYCHOLOGY

See Education and Psychology

SOCIAL SCIENCE

PROFESSOR TAYLER, ASSOCIATE PROFESSORS FINK, KEPNER, RICKER, ORTH, MR. NIEHOFF, MR. BIGELOW, MR. JARVIS, MR. BOWMAN

11 or 12.—Introduction to the Study of Society. An elementary analysis of the antecedents, the structures, and processes of American society. This is the general basic course for the three fields of Social Science (Sociology, Economics, and Political Science). Three semester hours.

Sociology

- 31, 32.—Principles of Sociology. A study of the primary concepts of sociology; the geographic environment, culture and social groups; processes of social interaction; the structure and function of basic institutions; the nature, conditions and modes of social change. Six semester hours.
- 34.—CULTURAL ANTHROPOLOGY. The nature of the culture of primitive societies. An examination of the forces at work in the origin and change of culture traits and systems. The variability of culture in the modern world. In alternate years; to be given 1948-49. Three semester hours.
- 36.—Introduction To Social Work. An introductory survey to acquaint the student with the various types of private and public social agencies in the United States. Outstanding historical developments; fundamental principles and approved methods; and differentiation between the processes of case work, group work and community organization. Field trips are taken to social agencies. In alternate years; to be given 1947-48. Two semester hours.
- 46.—Social Security. The hazards of poverty, dependency, sickness, unemployment and old age. Changes in public policy from poor relief to public assistance and social insurance. Provisions of the Social Security Act and state laws, compared with practices of foreign nations. Analysis of bills introduced into the current sessions of Congress and state legislatures. In alternate years; to be given 1948-49. Three semester hours.
- 47.—CRIMINOLOGY. The nature, causation and treatment of delinquency and crime. Examination of case histories and statistical studies. Consideration of proposals for the prevention of crime and the improvement of penal procedures. In alternate years; to be given 1948-49. Three semester hours.
- 49.—POPULATION PROBLEMS. The growth, movement and composition of population in the United States and other parts of the world. Natural and social factors affecting the population processes. Social and international implications of changes in the quantity, quality and distribution of population. In alternate years; to be given 1947-48. Two semester hours.
- 52.—Sociology of the State. Social forces affecting the origin of the state and divergent lines of political development. Comparisons between democracy and other types of political association, in respect to the quality of participation, social control, the development of personality, interaction with the economic order, and adjustment to changing domestic and international situations. In alternate years; to be given 1947-48. Two semester hours.
- 53.—RURAL SOCIOLOGY. The basic role of the country in social evolution. Contemporary trends in physical and economic conditions, population, attitudes and values, family life, and political, educational and religious institutions. Urban dominance and rural-urban contrasts. Current problems and future prospects. Three semester hours.
- 54.—URBAN SOCIOLOGY. Physical and psychic aspects of city life; ecological patterns and processes; political, economic, familial, educational and religious institutions; problems of poverty, disease, crime and group conflicts, and agencies dealing with them. Trends in housing and city planning. In alternate years; to be given 1948-49. Three semester hours.

- 56.—Public Opinion. The nature of public opinion and its role in a democracy. Propaganda in war and peace. The media of the press, radio, audience and primary group. Influence of pressure groups; measurement of opinions; and education for citizenship. In alternate years; to be given 1948-49. Three semester hours.
- 57.—RACIAL AND CULTURAL MINORITIES. The extent and historical antecedents of minority groups in the United States; racial distinctions and cultural conditioning; the causation and effects of prejudice; and special problems of the Negro and other minority groups. In alternate years; to be given 1947-48. Three semester hours.
- 58.—RURAL COMMUNITY ORGANIZATION. The principles and techniques of organizing the rural community. Leadership, democratic participation and the emergence of common objectives. Community services of rural churches, the P. T. A., the Grange, rural cooperatives, federal agencies, professional social workers and community councils. In alternate years; to be given 1947-48. Three semester hours.
- 64.—The Family. A sociological study of the family and its institutions. The forms and functions of the familial relationship. Problems of marriage and the home in American society. *Three semester hours*.
- 65.—The Peoples and Cultures of the Soviet Union. European and Asiatic peoples of the Soviet Union, and their social heritages. Race relations and the mingling of cultures. Cultural change in rural and urban life, and within the family and other institutions. Personality traits, social attitudes, and the ethos of Soviet Russia. In alternate years; to be given 1947-48. Three semester hours.
- 69.—Social Change. Natural and cultural factors in social change; reform and revolution; theories of evolution and progress; present trends in the United States and abroad; the automatic process and social planning. In alternate years; to be given 1948-49. Three semester hours.
- 67, 68.—Seminar. A reading, conference, and research course for advanced and honor students. Two semester hours.

Major: 24 semester hours, including Sociology 31 and 32. Minor: 18 semester hours, including Sociology 31 and 32.

Economics

31-32.—Principles of Economics. An intensive analysis of our economic system, its organization and its functions. The first semester's work involves definitions and concepts, elementary principles, and the methods and procedures of economic analysis and logic. During the second semester attention is focussed upon the application of those principles and methods as they apply to special areas and problems, in order that skill may be developed in analysis of recurrent types of economic relationships. Six semester hours.

- 37.—The Economics of American Industry. A study of the origins of manufacture in the U. S. A., its dynamic nature, and its socially important problems. A group of selected industries are surveyed under three major headings: (1) The place and structure of the industry in our economic order; (2) the historical development and evolution, and (3) the competitive aspects of the industry. To be given 1947-48. Three semester hours.
- 38.—Economics of Consumption. The nature of consumption and its relation to income and saving, including productive consumption and methods of saving; income distribution and the personal allocation of income in relation to consumer needs and levels of living; factors affecting the use of income, and the role of both governmental and private agencies in educating and safeguarding consumers. Three semester hours.
- 39-40.—Accounting. A course designed to acquaint those preparing for business or the professions with a general knowledge of accounting as a method of economic analysis and interpretation. Use of accounting for information and control; double entry theory; techniques; classification of accounts; problems in valuation; preparation and analysis of operating cost and other financial statements. Six semester hours.
- 41 or 42.—Business Organization. The forms of business enterprise compared in their legal status and economic importance; dominance of the corporate form of private enterprise; problems of business administration; investors' rights and state control. A major part of the course is devoted to the corporation as a private business agency, but considerable attention is given to the use of the corporation by our federal government in public enterprise. Prerequisite: Economics 31. To be given 1947-48. Three semester hours.
- 43.—Economic Geography. A survey of the natural regional areas of the world as classified on a basis of climate, topography, rainfall, natural vegetation and resources, and their resulting products. Cultural features of various peoples and states are studied as concomitants of the natural features of each region and nation. To be given 1947-48. Three semester hours.
- 44.—PUBLIC FINANCE. A survey of the field of government finance—national, state and local. Trends and purposes in governmental income and expenditures; analysis of deficit financing, and taxation theory and practice; the relation of these aspects of finance to credit and price structures, business administration, and the business cycle as a factor in determining public policy. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- 45.—Public Utilities. The economic nature and the legal status of public utilities; principles underlying the evolving regulation of utilities by federal, state, and local governments. Government ownership as an alternative form of control. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- 46.—PRINCIPLES OF MARKETING. A study of the methods of distribution of the products of industry through manufacturer, wholesaler, jobber, and retail outlets. A comparison of the marketing methods of small independent units with those of the multiple outlet or chain types, together with an evaluation of the relative risks and costs with their effect upon price and pricing policies. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- 47.—Money and Banking. An examination of the role of money and credit in a system of private enterprise under varying degrees of public supervision and

control. An analysis and appraisal of monetary and financial policies and practices. Prerequisite: Economics 31. To be given 1947-48. Three semester hours.

- 48.—Foreign Trade. A study of the relation of international trade to national welfare with an evaluation of national policies of the past and present. The mechanism of international trade, including the mercantile and banking policies and institutions. National controls as an instrument of national policy, including tariffs, exchange regulations, quotas, and suggested implementations under the United Nations Organization. Prerequisite: Economics 31. To be given 1947-48. Three semester hours.
- 49.—Transportation. A survey of the evolution of our transportation facilities and an analysis of the economic principles and conditions which have caused those facilities to be subjected to governmental regulations; an examination of the evolution of those regulations and the present status of public carriers. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- 50.—Monopoly and Public Policy. A critical examination of the institutions of private property, individualism, and competition, with special emphasis on the development of imperfect competition and monopoly; the nature, the purpose, and the evolution of legislation designed to meet the emerging problems. Prerequisite: Economics 31. To be given 1948-49. Two semester hours.
- 51.—Economic Problems. The critical analyses of several special problems arising out of current issues, such as economic nationalism, conversion from war to peace time economy, unemployment and public works, federal aid or control involving agriculture, business, and price structures. Prerequisite: Economics 31. To be given 1947-48. Two semester hours.
- 52.—The Economics of Foreign Policy. History and status of our foreign policy in relation to foreign trade, the quest for natural resources, protection of national interests; private and public international debts; isolationism vs. internationalism. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.
- 62.—Advanced Accounting Analysis. Prerequisites: Economics 31, 39-40. To be given 1947-48. Three semester hours.
- 67, 68.—Seminar. A reading and conference course for advanced and honor students. Prerequisite: Economics 31-32. To be given 1947-48, second semester. Two semester hours.
- 71.—ECONOMIC HISTORY OF THE UNITED STATES OF AMERICA. A survey of the development of agriculture, industry and commerce, transportation and banking, in the U. S. A., as an evolving economy. Prerequisite: Economics 31. To be given 1947-48. Three semester hours.
- 72.—ECONOMIC HISTORY OF EUROPE. A course similar to Economics 71, but dealing with Great Britain, France, Germany, Italy, Russia, and Sweden. Three semester hours.
- *74.—Modern Economic Thought. A critical examination of the neo-classical writers and their critics, with an attempt at synthesis and evaluation as a component part of economic theory. Prerequisite: Economics 31-32. To be given 1947-48. Two semester hours.

*75.—Business Cycles. The relationships between industries, between government and business, and between national economic systems are surveyed for the purpose of showing the integral character of trade cycles, and illustrating current business cycle theories. The fundamental forces underlying fluctuations in business are examined with a view to understanding the causes thereof, and to evaluate devices used to direct the operation of these forces. Prerequisite: Economics 31-32. To be given 1948-49. Two semester hours.

*76.—CONTEMPORARY ECONOMIC SYSTEMS. A comparative study and evaluation of recent experiments in economic organization by the United States of America, England, Germany, Italy, Russia, France, and Sweden. Prerequisite: Economics 31-32. To be given 1947-48. Three semester hours.

77.—LABOR PROBLEMS. The status of the worker within the changing economic system of the United States of America; wage trends and standards of living; employer-employee relationships under unorganized labor conditions and under collective bargaining; the nature and extent of unemployment, and the role of government in this and other fields of labor relationships. Prerequisite: Economics 31. To be given 1948-49. Three semester hours.

78.—INDUSTRIAL MANAGEMENT. The significance of management in industry in a democracy, including the management of physical property and man-power; organization of physical facilities, production controls, and cost controls being surveyed in detail. Prerequisite: Economics 31. To be given 1947-48. Three semester hours.

*91, 92.—Special Problems. Investigation of assigned problems to give acquaintance with methods of research and presentation of data. Prerequisite: Economics 31-32. One semester hour.

Note: Students who plan to make Economics their major field of study should arrange to take Social Science 11 as early as possible, and Economics 31-32 not later than their Sophomore year to avoid difficulty in elections.

Major: 24 semester hours, including Economics 31-32. Minor: 18 semester hours, including Economics 31-32.

Political Science

31.—AMERICAN FEDERAL GOVERNMENT. The constitutional basis; development of actual organization and operation; shifting relationships between federal and state governments; trends in services and functions. Given each semester. Basic course for Political Science Majors. Three semester hours.

32.—State Government. The constitutional position of the states; forms, functions and services of state government; state constitutions; popular participation and control; reforms; basic course for Political Science Majors. Given each semester. Prerequisite: Political Science 31. Three semester hours.

33.—MUNICIPAL GOVERNMENT AND ADMINISTRATION. The organization and functions of municipal government; recent remedial movements. Taxation; property assessment; police and fire administration; planning and zoning; fiscal procedures; local ownership of utilities. Prerequisites: Political Science 31 and 32. Three semester hours.

- 34.—INTERNATIONAL LAW. A study of the fundamental principles of law governing the conduct between states especially as interpreted and applied by the United States. *Three semester hours*.
- 35.—Public Administration. Growth of public administration; major problems and trends; types of administrative functions and organizations; foundations of administrative law; forms of administrative action; the problem of responsibility. Emphasis on fiscal and personnel administration. Three semester hours.
- 36.—Comparative Government. Analysis of Presidential and Parliamentary Democracies and current dictatorships; fundamental differences in approach to problems of government; attempts to improve structure and function; responsibility. Prerequisite: Political Science 31. Three semester hours.
- 37.—INTERNATIONAL RELATIONS. An examination of the basic factors affecting relations between states such as economic, geographic and demographic; the evolution of international relations and the place of power politics in the modern world. Three semester hours.
- 42.—The Constitution. Origin and development; judicial review; civil liberties; interstate commerce clause; due process of law; taxation. Analysis of leading Supreme Court interpretations of the Constitution. Prerequisite: Political Science 31. Three semester hours.
- 44.—International Organization. A treatment of the organizations through which states have dealt with their common problems in the past; the League of Nations, World Court, International Labor Organization; with emphasis on the organization of the post war world; the United Nations and specialized agencies. Three semester hours.
- 57.—POLITICAL PARTIES. Party system in the United States; strengths and weaknesses; functions and techniques of political parties; the electorate; government and political parties; political parties and pressure groups. Three semester hours.
- 59 or 60.—American Foreign Policy. An analysis of the machinery through which foreign policy is formed and executed, including a topical study of courses of action open to the United States; non-entanglement; the Good Neighbor policy; the Monroe Doctrine; emphasis on the policy of the United States as a member of the United Nations. Prerequisite: Political Science 31. Three semester hours.
- 61 or 62.—Contemporary Problems. Critical analyses of issues current from time to time, including such topics as recent legislation or budgetary problems; labor relations; problems arising out of World War II—trusteeships, atomic energy and the Peace Treaties. Prerequisites: Political Science 31 and 32 and two other courses in Political Science. Three semester hours.
- 66.—RUSSIA AND THE SOVIET UNION IN WORLD POLITICS. Motivating factors underlying the foreign policy of the Soviet Union; comparison with Czarist Russia and other states. Major emphasis upon the role of the Soviet Union in contemporary world politics. Prerequisite: Political Science 36 or permission of the instructor. Three semester hours.
- *67, 68.—Seminar. A reading and conference course for advanced students. Two semester hours.

Major: 24 semester hours, including Political Science 31 and 32.

Minor: 18 semester hours, including Political Science 31.

SPANISH

See Modern Languages and Literatures

COLLEGE LIBRARY

THE College Library, located in Bosler Hall, consists of the main reading room and stacks, a reference room, reserved book room, library offices, the Alexander A. Sharp recreational reading room, and the Boyd Lee Spahr room for the Dickinsoniana Collection and rare books.

Students have free access to the library collection, consisting of approximately 76,000 volumes. About 250 periodicals are received regularly. The books are classified by the Dewey decimal system, and listed in a dictionary card catalogue. Library of Congress cards are used. No limit is placed on the number of books a student may borrow.

The Dickinson Library Guild, composed of alumni and friends of Dickinson College, was organized in 1903 for the purpose of creating a permanent endowment for the College Library. In addition to the college appropriation for the purchase of books and periodicals, the library now receives an annual income of over \$1800 from the Guild. In accordance with the action of the Board of Trustees of the College, all moneys contributed become a part of the permanent Endowment Fund of the Library, the proceeds of which are devoted to the sole purpose of purchasing books.

With the launching of the Alumni Fund, the Guild has been absorbed in this new organization. Its independence, however, has been kept intact, to receive designated subscriptions and specific bequests, so that endowment increments may continue indefinitely to forward its original purposes.

The Boyd Lee Spahr Room contains a constantly growing collection of letters of John Dickinson, Benjamin Rush, William Bingham, James Wilson, Charles Nisbet, Roger Brooke Taney, James Buchanan and other Dickinson worthies, the Buchanan collection being especially large. It also contains numerous other historical manuscripts. About 1500 volumes given by Dickinson when the College was

founded are housed in this room. Here also are exhibited the Joseph Priestley burning glass and other equipment once owned by the discoverer of oxygen.

During the orientation period, members of the Freshman Class, divided into small groups, are given instruction in the use of the library and the reference room.

The library is open from 8:20 A. M. to 12:20 P. M.; 1:30 to 5:00 P. M. and 7:00 to 10:00 P. M., except on Saturday when it is closed in the evening and on Sunday when the hours are 2:00 to 5:00 P. M. and 7:00 to 10:00 P. M.

GENERAL INFORMATION

PAYMENT OF BILLS.—Before registration for any year's work a student is required to pay a Registration Fee of \$25 (for women in dormitories, \$50) to be credited on the college bill. This fee is not returnable if the student cancels his or her registration.

College bills for each semester are presented and are payable at the opening of the semester.

Failure to adjust college bills when due will result in exclusion from College, and no student can have honorable dismissal or certificate of advancement until bills have been adjusted and other reasonable obligations honorably met.

The Trustees reserve the right at any time to amend or add to the regulations of the College, including those concerning fees and methods of payment, and to make such changes applicable to students at present in the College, as well as to new students.

DISCOUNTS.—For two or more students from the same family, and for children of ministers, a discount of 10 per cent is allowed on the General Charge account, but not on any other part of the college bill. No double discount is allowed. No fees are returned except in cases of illness. If a student leaves College because of illness within one month after the opening of the semester, one half of the semester fee may be refunded. No reduction will be allowed for absence of students withdrawn for unsatisfactory conduct or scholarship.

Rooms in the dormitories are secured to the students during term-time only, and occupants are responsible for damage to them. When students damaging property are unknown, the cost of repairs may be assessed toward the close of the college year upon the whole body of students, as a special damage account. Any student proved to be guilty of

wilful destruction of, or damage to, college property, may be required to pay not only the cost of replacement or repair, but also a fine as determined by the Faculty, said fine to be placed on the special damage account.

All freshmen men other than commuters are required to room in the college dormitory for freshmen. Male members of the other classes who are not commuters must room either in the college dormitories or in the fraternity houses.

Chapel services are held twice a week, and all students are required to attend.

Government and Discipline.—Students are expected to conform to the requirements of good morals and good citizenship. In the absence of specific regulations, the Faculty is charged with passing on matters respecting the general life of the students in the College. In practice, however, the regulation of the life of the student body is left largely to the students themselves. Among the regulations of the College is the following: "In particular, any use of intoxicating liquor, failure to give truthful testimony to an officer of the College, and dishonesty in college work are considered very serious offenses and usually lead to dismissal."

GUIDANCE.—The limited enrollment of the College makes possible student contacts with professors for purposes of guidance. Through a system of class deans fully conversant with the educational requirements of the professions, the student at Dickinson College is carefully advised regarding the training which will best fit him for the profession or occupation of his choice. Tests to indicate vocational aptitudes may be secured on request of the student from the Department of Education and Psychology. Vocational guidance material is available in the library for those interested.

PLACEMENT.—The interest of the College in the student does not terminate with graduation. The Department of Education maintains wide contacts with school authorities

for the purpose of placing graduates who are qualified to teach. A faculty committee for placement also operates in fields other than teaching.

HEALTH SERVICE.—For emergency and minor illnesses, an infirmary for resident women is provided in Metzger Hall and East College, as well as first-aid equipment in the Department of Physical Education for Women.

A modern health center is available to students. The dispensary and waiting room are located on the first floor. The second floor is thoroughly furnished to meet the needs of the young men of the College. The third floor is equipped with six beds and is reserved for the use of young women, in the event of an emergency which the infirmary at Metzger Hall is unable to meet. Mrs. Margaret A. Eppley, a registered nurse, lives at the health center and is in charge.

The medical staff of the College consists of a physician for men, a physician for women, and a registered nurse. The service of the physicians is available for all students under regulations fixed by the College. Responsibility for the use of this service is assumed by the student. For special treatment and serious illness, the Carlisle Hospital is available.

EXPENSES

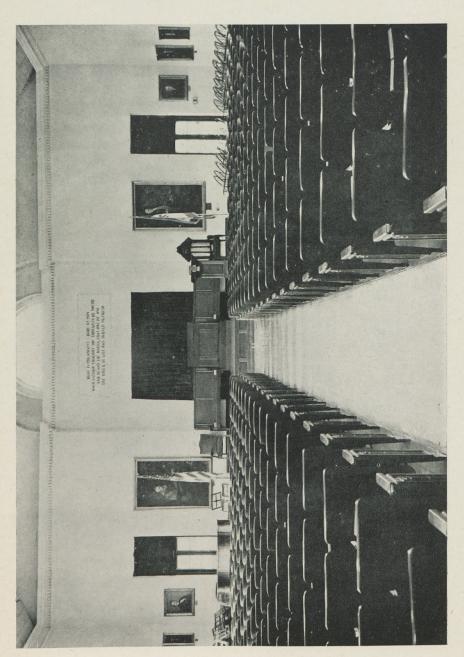
General Charge—Each Session or Semester	\$20	0	00
All students are required to pay a registration fee of \$25 in advance			
(for women in dormitories the fee is \$50) which is credited on the			
semester account.			
Budget for student organizations for various student activities, including			
athletics and medical fees.			
Per Semester	1	5	00
Laboratory-for each natural science course, including year courses com-			
pleted in one semester under accelerated plan	. 1	5	00
Extra hours in excess of 17, per semester hour	1	0	00
Transcript of Record, extra copies each		1	00
Practice Teaching in High School		5	
Diploma Fee for seniors, including use of cap and gown		0	
Damage Replacement Account. (This will be returned in whole or in part,	190		-
depending upon the amount of damage.)	10	0	00
FOR MEN RESIDENT IN COLLEGE			00
Room Rent (each semester), Conway Hall and Biddle House, furnished			
rooms including electric light *	\$ 4.	5	00
100119 1100110 1100110 1100110	φ 4.	, ,	00

FOR WOMEN IN DORMITORIES

All women students, except those living with relatives, are required to reside in college dormitories, and are charged \$900 for two semesters (subject to change), payable \$450 in first semester, \$450 in second semester. This provides for basic essentials such as general charge, room, board, and light. Personal items such as laundry, books, blankets, sheets, pillow-cases, towels, personal toilet articles, and laboratory fees are not included in this account.

* Covers the cost of a study light for each student, in addition to ceiling light. An additional charge will be made for extra electric connections.

MEMORIAL HALL IN OLD WEST



THE SHARP READING ROOM

METZGER HALL



i i Diki k / mi mvi ****



IN THE CHEMISTRY LABORATORY



IN THE PHYSICS LABORATORY



IN THE BIOLOGY LABORATORY



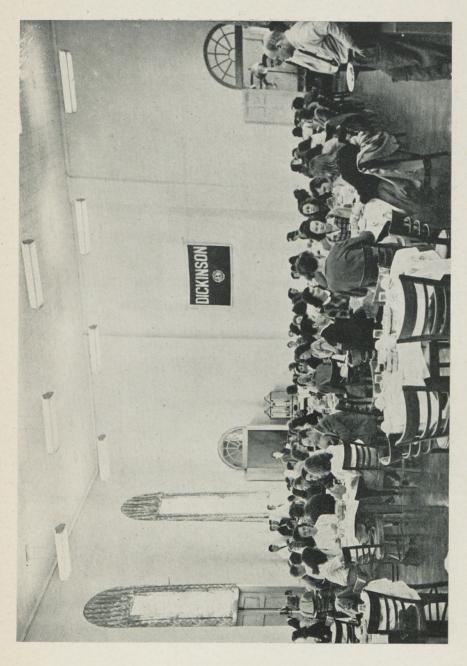
IN THE LIBRARY



THE DICKINSONIANA ROOM



A CORNER IN THE LIBRARY







THE COLLEGE HEALTH CENTER



THE OLD STONE STEPS

BUILDINGS AND EQUIPMENT

West College (1803) of the Georgian style of architecture, built of native limestone, is a four-story building containing administrative offices, class and assembly rooms, the Presidential portrait gallery, and the spacious Memorial Hall. This hall, formerly the chapel, has recently been remodeled and is now considered one of the finest examples of Colonial interiors to be found anywhere. On the lower floor are the McCauley room, social room, assembly room, secretarial rooms, and Dickinsonian office. The administrative offices are on the main floor. The two upper floors are given over to classrooms.

East College (1836) of the same materials and style of architecture as West College, is a four and a half story building, used entirely as a dormitory for upper-class women. It accommodates 110 students.

Jacob Tome Scientific Building (1884), gift of the late Hon. Jacob Tome, of Port Deposit, Md., is of native limestone, trimmed with Ohio sandstone. It contains complete provision for the college departments of physics and chemistry. It is also the repository for a valuable collection of mineralogical and geological specimens, used in geology courses. It also houses the studios of the College Radio Station.

James W. Bosler Library, originally erected in 1885 in honor of James W. Bosler, Class of 1854, was rebuilt and enlarged in 1940-41 in native limestone of Georgian architecture, accommodating the library with numerous reading and reference rooms and the Chapel.

Denny Hall (1905) contains recitation rooms, faculty offices and halls of the two historic literary societies which date back more than a hundred and fifty years.

ALUMNI GYMNASIUM (1929) provides ample facilities for all indoor athletics and physical education. These include a white-tiled swimming pool 25x75 feet. The main auditorium seating 3,000 is used for commencement and alumni activities.

Conway Hall (1904) is a gift from the Hon. Andrew Carnegie and is named as a tribute to his friend, Moncure D. Conway, Class of 1849. It is used as a dormitory for men, fully furnished.

PSYCHOLOGY BUILDING (1899), of limestone, houses the class-rooms and laboratories of that department.

THE OLD GYMNASIUM houses the College Commons. This is the refectory for the women students of East College and is open also to male students of the College and members of the Faculty. The building was recently renovated and equipped at a cost of \$40,000.

Metzger Hall, located three blocks east of the main campus, is the dormitory for freshmen women. It is a four-story brick structure, fully furnished.

GIBBS HOUSE, the endowed gift of Rebecca McClure Gibbs, located diagonally across the street from Metzger Hall, is a three-story dwelling remodeled in 1940, and used as a dormitory for upper-class women.

BAIRD BIOLOGICAL BUILDING (1937) is located on the Mooreland Campus and is named in honor of Spencer Fullerton Baird, Class of 1840, professor, trustee of the College, and one-time secretary of the Smithsonian Institution. It is a three-story stone structure housing the Department of Biology. It also contains the collection of South American birds originally owned by Professor Baird.

THE HERMAN BOSLER BIDDLE MEMORIAL ATHLETIC FIELD, the gift of the Hon. Edward W. Biddle, Class of 1870, and Mrs. Biddle, in memory of their son, Herman Bosler Biddle, Class of 1903, is a field of 12 acres completely equipped.

BIDDLE HOUSE (1946), located on the edge of the main campus, is a three-story building used as a dormitory for men.

TRICKETT HALL, the building of the Dickinson School of Law, is situated at the southeast corner of the Mooreland Campus and was erected in 1917 as a memorial to the late Dean William Trickett, LL.D., Class of 1868.

COLLEGE ACTIVITIES PROGRAM

PHI BETA KAPPA SOCIETY

ON April 13, 1887, the first chapter of the Phi Beta Kappa Society in Pennsylvania was organized at Dickinson College and is known as the Alpha of Pennsylvania. Seniors of high scholastic standing are eligible for membership and are usually elected upon completion of their college course. A few of the highest ranking students, however, may be elected at midyear.

PUBLICATIONS

THE DICKINSONIAN is the student newspaper, published once a week during the college year.

THE MICROCOSM is the college annual, sponsored by the Junior Class.

THE STUDENT'S HANDBOOK is published annually for the information of new students.

THE DICKINSON ALUMNUS is published quarterly by the General Alumni Association.

THE DICKINSON COLLEGE BULLETIN is published seven times a year by the College.

ORGANIZATIONS

LITERARY SOCIETIES. The Belles Lettres Literary Society and the Union Philosophical Society, founded in 1786 and 1789, respectively, have been significant and potent factors in the total program of college life.

The Dickinson College Religious Association correlates the work of all the religious organizations on the campus. Its purpose is to help students of all faiths find the place of religion in life, intensify their religious experience,

and provide them with training for some practical service. Ever since its founding the College has been definitely committed to the Christian interpretation of life and duty. One of its chief objectives is the development of rich personalities capable of a large participation in life. This aim finds expression both in the general spirit of the College and in its organized religious activity.

THE COLLEGE CHOIR in its weekly meetings provides pleasure and training for those students who show interest and ability in singing. The members of the Choir prepare sacred and secular music for chapel programs, occasional outside appearances, and the spring concert.

Band and Orchestra. Although Dickinson College does not have a department of music, it does much to encourage student participation in musical organizations. It owns a complete set of band and orchestra instruments, including French horns, oboes, bassoons, violas, string basses, and tympani. The orchestra owns a library of music worth \$1,200. The College Band is a marching band which plays for all football and basketball games. The College Orchestra is a symphony orchestra of over thirty-five pieces which plays regularly for chapel and also gives an annual concert. Qualified students who feel the urge to express themselves musically are welcome in both the band and orchestra and are encouraged to use the musical instruments owned by the College.

Students of the College, through the organization known as the Student Assembly, have promoted the welfare of the student body by effecting a closer union of the students and of the students and Faculty. The membership of the Assembly consists of all students of the College. The executive body of the Student Assembly is the Senate whose membership consists of the president of each fraternity, including the Commons Club, one representative of each sorority, two

representatives chosen from the unaffiliated men, one from the unaffiliated women, and three members of the Faculty.

THE COLLEGE DEBATE SQUAD is composed of students who have shown their fitness by passing competitive trials in debating. The squad receives training in public speech under the supervision of a faculty committee, and chosen teams engage in numerous intercollegiate debates.

The Little Theatre, replacing the former Dramatic Club, aims to discover and stimulate talents of individuals who have dramatic ability. In its organized programs, students are given an opportunity to learn the fundamentals of the theatre and receive careful training in dramatics. Plays are presented frequently, and meetings are held on alternate Wednesdays. Candidates for membership must demonstrate their abilities by appearing before the members in a formal try-out program. A miniature playhouse, located in Denny Hall, has been constructed and equipped for the use of this organization.

THE GREEK CLUB is made up of those students who excel in the work of the Greek Department during their college course. The Club sponsors entertaining and educational programs having to do with Greek life and culture.

THE MOHLER SCIENTIFIC CLUB welcomes to membership those students who have special interest in the sciences.

THE SPANISH CLUB, LA TERTULIA, aims to develop the Spanish students' knowledge and interest by means of music, pictures, plays, and discussions bearing on Spanish-speaking countries and peoples.

THE FRENCH CLUB, LE CERCLE DRAMATIQUE, chooses as its members students who have shown unusual interest and proficiency in the French language.

THE INTERNATIONAL RELATIONS CLUB was established in 1932 under the auspices of the Carnegie Endowment for International Peace. Its purpose is to promote interest in,

and afford an opportunity to study, contemporary international affairs and world problems. At its monthly meetings, reports are presented by students, faculty members, or guest speakers, and these are followed by an informal discussion.

THE DICKINSON COLLEGE STUDENT ATHLETIC Asso-CIATION, through its executive committee, deals with all matters having to do with athletics not handled by the Board of Athletic Control. The undergraduate member of the Board is the president of the Association.

Fraternities. Ten national fraternities have chapters at Dickinson,—Phi Kappa Sigma, Phi Kappa Psi, Sigma Chi, Beta Theta Pi, Phi Delta Theta, Sigma Alpha Epsilon, Kappa Sigma, Alpha Chi Rho, Phi Epsilon Pi, and Theta Chi.

Four national sororities are represented on the campus, —Pi Beta Phi, Chi Omega, Phi Mu, and Zeta Tau Alpha.

Students are not permitted to join a fraternity or sorority until the close of the first semester in College, and then only if a satisfactory scholarship standing has been established.

Five Honorary Fraternities also have chapters at Dickinson.

HONOR SCHOLARSHIPS AND PRIZES

FOR GENERAL EXCELLENCE IN SCHOLARSHIP

THE JAMES FOWLER RUSLING PRIZE of \$50, the income from the \$1,000 gift of General James Fowler Rusling, LL.D., Class of '54, is awarded to that student of the Senior Class who, at the end of a four-years' course, shall be found to excel in scholarship and character.

Awarded, 1946, to Catherine K. Crouse, Fanwood, N. J.

The William K. Dare Honor Scholarship, in memory of William K. Dare, Class of '83, professor of Education and Psychology, 1893-99, is awarded annually to that male student of the Freshman, Sophomore, or Junior Class who has attained in the work of the previous year the highest scholastic average. For this purpose, the late Lemuel T. Appold, Esq., Class of '82, the lifelong friend of Professor Dare, gave the College a capital fund of \$5,000. The scholarship, consisting of \$250, is awarded at commencement time and is credited to the recipient on the tuition of the following year.

Awarded, 1946, to Theodore Rodman, Atlantic City, N. J.

THE McDaniel Prizes.—\$5,000 was given by the late Delaplaine McDaniel, of Philadelphia, as a scholarship fund providing three prizes offered annually to members of the Freshman and Sophomore Classes for excellence in scholarship.

SOPHOMORE PRIZE, \$100, awarded, 1946, to Lillian E. Lins, Bedford.

Freshman Prizes, \$100 each, awarded, 1946, to John T. Crum, New Kensington and Edgar C. Hersh, Allentown.

THE RUTH SELLERS MAXWELL SCHOLARSHIPS in English Literature, established in 1945 by the \$5,000 gift of Robert H. Maxwell, of the Class of 1915, in memory of his wife, Ruth Sellers Maxwell, of the Class of 1915, who for many years was a teacher of English literature, to be awarded annually for excellence in scholarship, for the highest scholastic standing in any course in English literature:

SENIOR PRIZE, \$100, awarded, 1946, to Helen E. Alexander, Elizabethtown. JUNIOR PRIZE, \$100, awarded, 1946, to Doris Jean Krise, Harrisburg. SOPHOMORE PRIZE, \$50, awarded, 1946, to Janet A. Machen, Baltimore, Md.

THE JOHN PATTON MEMORIAL PRIZES, four in number, of \$25 each, one for each of the college classes, established by the \$2,000 gift of the late Hon. A. E. Patton of Curwensville, as a memorial to his father, Gen. John Patton, for many years a trustee of the College, are awarded annually for high scholastic standing. Awards for 1946:

Senior Class. Forrest A. Trumbore, Mechanicsburg.

Junior Class. Helen S. Meals, Carlisle. Sophomore Class. Jean H. Uhland, Carlisle.

Freshman Class. Samuel J. Friedberg, Atlantic City, N. J.

FOR EXCELLENCE IN SPECIAL FIELDS

THE CANNON PRIZE, income of a fund of \$500 voted by the Trustees in 1932 in honor of Henry P. Cannon, Class of '70, to continue the award given by him for many years "to that member of the Sophomore Class who shall pass the most satisfactory examination in the Mathematics of the Sophomore year, together with the original Geometry of the Freshman year."

Awarded, 1946, to Jean H. Uhland, Carlisle.

THE CHI OMEGA FRATERNITY PRIZE of \$25, the gift of the Dickinson chapter, is an award made to that Junior or Senior woman who excels in Economics, Political Science, or Sociology.

Awarded, 1946, to Jean H. Uhland, Carlisle.

THE CLASS OF 1902 AWARD. A gold watch made possible by a gift of \$1225 from the Class of 1902, and awarded annually to that member of the Junior Class who by the vote of his classmates shall be adjudged the most all-round Dickinsonian.

Awarded, 1946, to Wilbert C. McKim, Jr., Ellwood City.

THE CLEMENS PRIZE of \$25, a gift of Joseph Clemens, Class of 1894, Chaplain in the U. S. Army, is awarded annually to a student of the Junior Class for the best essay on foreign missions.

Not awarded, 1946.

THE CHARLES MORTIMER GIFFIN PRIZE IN ENGLISH BIBLE of \$25, the income of a fund of \$500, is awarded annually to a student of the Senior Class in English Bible.

Awarded, 1946, to Helen E. Alexander, Elizabethtown.

THE WILLIAM W. LANDIS PRIZE IN MATHEMATICS of \$50, the income from a fund of \$1,000 given by his cousin, George G. Landis, of the Class of 1920, in memory of Dr. William W. Landis, professor of mathematics from 1895 to 1942, to be awarded for excellence in the mathematics of the Freshman year.

THE GAYLARD H. PATTERSON PRIZE of \$25, the income of a fund of \$500, a memorial to Professor Gaylard H. Patterson, the founder of the Social Science Department in Dickinson College, to be awarded to that student in Sociology who presents the best sociological analysis of a public policy. The judges of the essay are to be members of the Department of Social Science.

Awarded, 1946, to Louis A. Hartheimer, Jersey City, N. J.

THE MORRIS W. PRINCE HISTORY PRIZE of \$25, the income of a fund of \$455, the gift of the Class of '99, for excellence in history.

Awarded, 1946, to Franklin C. Brown, Harrisburg.

THE REES PRIZE of \$25, the gift of Rev. Milton S. Rees, D.D., Rochester, N. Y., is awarded to that student who shall excel in English Bible.

Awarded, 1946, to John T. Crum, New Kensington and Ruth L. Troster, North Wales.

THE WALKLEY PRIZES of \$25 and \$15, the income of a fund amounting to \$993.16, endowed by D. R. Walkley, D.C.L., in memory of his son, Winfield Davidson Walkley, are awarded as first and second prizes, respectively, to those members of the Freshman Class who shall excel in declamation, either forensic or dramatic.

Not awarded, 1946.

ANGELINE BLAKE WOMER MEMORIAL PRIZE of \$75, to be awarded each year to that student of the Freshman Class who attains the highest grade in rhetoric and composition.

Awarded, 1946, to Mary S. Ziegler, Greencastle.

BENEFICIARY SCHOLARSHIPS AND LOAN FUNDS

A number of funds and scholarships have been established in various ways by friends of education in general and of the College in particular, and are awarded by the donors or by the President to such students as may be in need of financial help.

In order to provide immediate financial aid for students who after graduation will be able to meet such obligations, the Board of Trustees sets aside annually a limited amount of funds to be used as scholarship-loans, a part of which is to be repaid by the student after graduation. This fund is intended only for those students who have an unusual financial problem.

Rules governing scholarship and loan awards may be secured upon application. All forms of financial help are awarded for one year only, but, conditioned on good scholarship and continued moral worthiness, may extend through the four years at College.

Applications for aid will not be considered until students have filed their applications for admission to the College. Facts provided on these papers are essential in evaluating the eligibility of the applicant for financial aid. The amount available for individual grants each year varies in proportion to the number of applications and the sum to be used for this purpose. The awards are not renewed except upon application and by specific action. Financial aid is not continued to students on probation, and may be withdrawn at any time at the discretion of the President.

Endowed

THE BALDWIN MEMORIAL CHURCH SCHOLARSHIP FUND of \$1,000, established in 1917.

THE M. GRACE BECHTEL MEMORIAL.—The interest on a \$1,000 endowment to be paid annually to that student of the College who is preparing for entrance into the Christian ministry of the Central Pennsylvania Conference of the Methodist Church.

THE BODINE SCHOLARSHIP of \$50, established in 1907 by the \$1,000 gift of George I. Bodine, Jr., Esq.

THE ARTHUR MILBY SCHOLARSHIP of \$50, established in 1911 by the \$1,000 gift of Miss Mary R. Burton, for the education of worthy young men for the ministry.

THE GEORGE L. BROWN FUND, established under the will of the late George L. Brown, M.D., of Lucknow, Pa., amounting to \$22,500, provides that the income be applied to the tuition in order of preference, first, of male students from Middle Paxton Township, Dauphin County, Pa.; secondly, of male students from Susquehanna Township, Dauphin County, Pa., and lastly, of other worthy and eligible boys.

Central Pennsylvania Methodist Conference Scholarship Fund, the income to be used as scholarships for members of churches of the Central Pennsylvania Methodist Conference.

THE CLASS OF 1909 SCHOLARSHIP FUND, the interest on an accumulating fund which was presented to the College on the thirty-fifth reunion of the class, and, on June 30, 1946, amounted to \$1223.11, available in the form of scholarship-loan aid to students by appointment of the President of the College, preference to be given to any descendant of a member of the Class of 1909.

The Class of 1914 Scholarship, the interest on an accumulating fund which was presented to the College on the 25th reunion of the class, and on July 31, 1946, amounted to \$1,545.26, available in the form of scholarship aid to students, by appointment of the President of the College under the terms of the Student-Loan Fund of the College.

CLASS OF 1915 SCHOLARSHIP, the interest on a fund presented to the College on the thirtieth reunion of the class on June 3, 1946, amounting to \$2600, available in the form of scholarship aid to students by appointment of the President of the College, preference to be given to any descendant of a member of the Class of 1915.

THE CLASS OF 1921 SCHOLARSHIP, the interest on a fund presented to the College on the twenty-fifth reunion of the class on June 8, 1946, amounting to \$1,500, to be awarded by the President of the College, preference to be given to any descendant of the Class of 1921.

THE BEAVER MEMORIAL METHODIST CHURCH, Lewisburg, Pa., scholarship of \$50, established in 1942.

The Joseph and Mary Strong Clemens Scholarship Fund of \$5,000 was established in 1934 by Joseph Clemens, Class of 1894, the income therefrom to be used as scholarship or scholarship-loan aid for the benefit of students of the College who are students for the ministry of the Methodist Church to be selected by the President of the College as needy and worthy.

CARRIE A. W. COBB SCHOLARSHIP FUND of \$5,000, in memory of the Reverend Charles H. Rorer, D.D., because of his abiding interest in the College, his Alma Mater, the income of which is to be awarded by the College to aid students preparing for the ministry.

THE NATHAN DODSON CORTRIGHT MEMORIAL SCHOLARSHIP FUND of \$5,000, established by Mrs. Emma L. Keen, of Philadelphia, as a memorial to her father, Nathan Dodson Cortright, is used to aid young men preparing for the ministry.

THE SMITH ELY SCHOLARSHIP, endowed in 1910 by the Hon. Smith Ely, of New York City, in the sum of \$1,100, students from New York City and vicinity having prior claim.

THE FAYETTE STREET METHODIST CHURCH OF BALTIMORE, MARYLAND, SCHOLARSHIP FUND of \$1,000, the income from which is awarded annually, preference being given to the recommendation of the trustees of the Fayette Street Methodist Church.

THE ROBERT M. FERGUSON, JR., MEMORIAL SCHOLARSHIP FUND of \$2,000, the gift of Grace C. Vale, '00.

THE FREEMAN SCHOLARSHIP of \$50, established by the \$1,000 gift of Frank A. Freeman, Esq., of Philadelphia.

THE MELVILLE GAMBRILL MEMORIAL FUND of \$50,000, the gift of Melville Gambrill, of Wilmington, Delaware, a former trustee of the College, the income from which is used to provide education for young men preparing for the ministry.

THE JOHN GILLESPE MEMORIAL SCHOLARSHIP interest on \$1,000, the gift of Miss Kate S. Gillespie, daughter of John Gillespie, Esq., late of Philadelphia, in 1911, as a memorial to her father.

THE JOHN H. HACKENBERG SCHOLARSHIP was endowed in 1940 by the gift of \$2,000 of the Rev. John H. Hackenberg, D.D., and his wife, the interest to go annually to help some worthy young man preparing for the Methodist ministry.

THE HAVERSTICK AND SNAVELY SCHOLARSHIP, income from an annuity fund of \$1,000, designated for endowment of a scholarship in 1910.

The J. Fred Heisse Scholarship Fund of \$2,500 was established in 1925 by his brother, E. W. Heisse, of Baltimore. The proceeds of the fund are awarded from year to year to such student or students as may be named by the donor, or on his failure to nominate, by the President of the College.

THE HORN SCHOLARSHIP.—The income from \$1,000, contributed in 1917 by J. Edward Horn, of Phillipsburg, Pa., to be awarded to some worthy student of the College preparing for useful service.

THE BRUCE HUGHES SCHOLARSHIP. Established in 1917. The income from \$950.

THE ALBANUS CHARLES LOGAN MEMORIAL SCHOLARSHIP FUND of \$5,000, the gift of Maria Dickinson Logan, of Philadelphia, the income to be used as a scholarship at the College for some worthy young man, preference being given to a graduate of the Germantown High School.

THE HENRY LOGAN SCHOLARSHIP FUND of \$1,000, the gift of Henry Logan, of the Class of 1910, attorney of Brooklyn, N. Y., the income therefrom to be awarded annually by the President of the College to a needy and worthy student upon the recommendation of the donor during his lifetime.

C. H. Masland & Sons Scholarships, established in 1945 by the \$20,000 gift of C. H. Masland & Sons, manufacturers of Carlisle, Pa., awarded annually with preference given to children of employees of C. H. Masland & Sons, then to residents of the territory adjacent to Carlisle, and lastly to any other needy and worthy student.

THE THEODORE F. MILLER SCHOLARSHIP of \$50, the income from the \$1,000 gift of Theodore F. Miller, Esq., of Philadelphia, in 1928.

THOMAS MONTGOMERY SCHOLARSHIP FUND of \$6,030, the gift of Colonel Robert H. Montgomery, LL.D., in memory of his father, Thomas Montgomery, a member of the Class of 1851.

THE EMILY MAY PHELPS ATWOOD LOAN FUND of \$1526.50, established in 1942 by her parents, Mr. and Mrs. Andrew H. Phelps, to aid worthy students.

The Marlin E. Olmsted Scholarship, three in number, established in 1925 by Mrs. Marlin E. Olmsted (Mrs. Vance C. McCormick) in memory of her late husband, Marlin E. Olmsted, an honorary alumnus of Dickinson College. The scholarships, the proceeds of a capital fund of \$5,000 shall be given each year in the discretion of the President of the College—unless the donor shall desire to name one or more beneficiaries in any year, and shall so advise the College before August 1—to such students of good mind, good character, and studious habits as seem to need them for the successful continuance of their course in College.

THE VALERIA SCHALL SCHOLARSHIP of \$75, proceeds of a \$1,500 fund, is used in assisting such young men as, in the estimation of the President and Faculty of the College, are of good character, scholarly habits, and deserving of assistance, and who are approved candidates for the Methodist ministry.

THE CHARLES T. SCHOEN SCHOLARSHIPS, ten in number, of \$50 each, established by the \$10,000 gift of the late Charles T. Schoen, of Philadelphia, are awarded annually to such young men and women as the President may designate.

THE ARNOLD BISHOP AND MARY AGNES SHAW SCHOLARSHIP, the annual income from \$1,250, the contribution of their children, Miss Clara W. Shaw, Mrs. Bertha Shaw Nevling, Mrs. Jeanne Shaw Bailey, Calvin Bishop Shaw, Charles M. Shaw. The donors may designate annually some worthy young person in the College in need of financial help.

James Ross Snowden Scholarship Fund, created in the will of Mary T. Snowden Stansfield, of Philadelphia, Pa., by the bequest of \$10,000, for the endowment of a scholarship of law in memory of her father, the son of the Rev. Nathaniel Randolph Snowden, a trustee of the College from 1794 to 1827.

THE WILLIAM M. STAUFFER SCHOLARSHIP FOUNDATION.—The bequest of \$950 of W. M. Stauffer, of Reading, Pa., in 1917, "to be invested as a special scholarship endowment, the income to be used for the benefit of some deserving student."

The Captain John Zug Steese Scholarship, the interest on a \$1,000 endowment, the gift of his mother, Mrs. Anna Zug Schaeffer Steese, of Mt. Holly Springs, Pa., who has sent four sons to Dickinson, all of whom later served their country with distinction as commissioned officers of the army during the World War; to be awarded annually by the President of the College to some young man who has completed his Sophomore year in the upper third of his class, excelling especially in mathematics; who has engaged successfully in athletics, music, dramatics, or other extra-curricular activities and to whom financial aid would be a real assistance in helping him to continue his college course. The recipient shall write a brief note of acknowledgment to the donor or to her estate outlining his previous education and experience.

THE ALBERT AND NAOMI WATSON SCHOLARSHIP FUND of \$1,000, the gift in 1946 of Mr. and Mrs. Albert Watson, of Carlisle, Pa., the income therefrom to be awarded annually by the President of the College to a needy and worthy student, preference to be given to a resident of Carlisle.

THE ROBERT BLAINE WEAVER FUND, established in 1932 from legacies under the will of Robert Blaine Weaver, Class of 1874, and the will of his sister, Laura D. Weaver, amounting to approximately \$35,000, as a permanent fund to be known as the Robert Blaine Weaver Fund, "the income thereof to be applied exclusively for the tuition and support of poor and deserving young men who are students attending said college."

M. Helen Lehman Whitmoyer Memorial Fund of \$1,000, the gift of Raymond B. Whitmoyer of the Class of 1913 in memory of his deceased wife, M. Helen Lehman Whitmoyer of the Class of 1911.

THE ELLA STICKNEY WILLEY SCHOLARSHIP of \$50, established by the \$1,000 gift of Mrs. Ella Stickney Willey, of Pittsburgh, Pa., is awarded annually to such students as may be designated by the donor or by the President.

THE REV. WILLIAM WOOD SCHOLARSHIP of \$100, the income from the \$2,000 gift of Miss Sarah Wood, of Trenton, N. J., is awarded annually to such student as may be designated by the donor or by the President.

JOHN L. YARD SCHOLARSHIP FUND received in 1945 by a bequest totalling \$4,145.94 to establish three memorial scholarships in memory of testator's wife, Emmeline Matilda Van Rensselaer Yard, to be given each year at the discretion of the President of the College to students of good mind, good character and studious habits, preference to be given to students desiring to enter the ministry who seem to need financial aid for the successful continuance of their courses in college.

THE CHARLES K. ZUG MEMORIAL FUND.—A fund of \$5,000 given in January, 1930, by the late Lemuel Towers Appold, Esq., Class of 1882, of Baltimore, in memory of his intimate friend, Charles K. Zug, of Philadelphia, Class of '80, Phi Beta Kappa, a member of the Alumni Council, and for many years a faithful friend and trustee of the College. The income from this fund to be used at the discretion of the President in granting scholarship aid to worthy young men students.

Unendowed

THE TRUSTEE SCHOLARSHIPS, established by the Board of Trustees of Dickinson College, each totalling \$600, available at the rate of \$150 per year for each year the recipient is a student in good standing at the College, are awarded on the results of a competitive examination given on Guest Day or at some other suitable time.

THE DICKINSON CLUB OF WASHINGTON SCHOLARSHIP of \$150 is provided by current gifts of alumni and is awarded by officers of the club.

Loan Funds

THE MARY LOUISE HUNTINGTON FUND to be used at the discretion of the President to aid young men of limited means who are preparing for missionary, ministerial, or educational work.

THE CORNELIA C. THUMM FUND, \$950, the legacy of Mrs. Cornelia C. Thumm, of Philadelphia, 1896, the annual interest on which is to be used for the benefit of some needy student or students of the College, the conditions of appointment and the selection of beneficiaries to rest with the President.

THE CLARA RIEGEL STINE FUND of \$3,824.03, the legacy of Clara Riegel Stine, of Mechanicsburg, Pa., held in trust by the Pennsylvania Company for Insurances on Lives and Granting Annuities of Philadelphia, to be used to assist in the education of needy and worthy students studying for the ministry of the Methodist Church, under a loan plan.

Maria Elizabeth Vale Students' Self-Help Fund.—The income from a fund of \$8,249.50, the gift of Ruby R. Vale, Esq., of the Class of '96, in memory of his daughter, now deceased; because of his affection for his Alma Mater, and of his desire to aid worthy students at the College needing temporary help. Administered by the President with permission to loan \$100 to \$200 per year to an individual, but not to exceed \$400 to anyone during the college course.

AMERICAN BANKERS ASSOCIATION FOUNDATION FOR EDUCATION IN ECONOMICS LOAN SCHOLARSHIP.—One loan scholarship of \$250 per year. Consult the Treasurer of the College.

BOARD OF EDUCATION OF THE METHODIST CHURCH STUDENT LOAN FUND.—Open to members of that Church of at least one year's standing, \$100 in the Freshman year, \$150 in the Sophomore year, \$200 in the Junior year, and \$250 in the Senior year. The total borrowings must not exceed \$600.

CENTRAL PENNSYLVANIA CONFERENCE LOAN FUND.—Consult the Treasurer of the College. The maximum per year for a student is \$125, and the total amount loaned to any one person is limited to \$500, during the college course. Five cash scholarships per year of \$100 each are also available from this fund.

Loan Fund of the Harrisburg Alumnae Club.—The sum of \$50 given in May, 1932, as the beginning of a revolving fund, to be applied to the aid of deserving students who are in need of assistance in meeting their college expenses.

THE PRESIDENT'S LOAN FUND.—A fund for temporary small loans in cases of emergency. The principal of the fund, contributed by the alumni, is used as directed by the President of the College.

Students of the College may be eligible for other loan funds which are not administered by the College. Information concerning such funds can be given by the College Treasurer.

REGISTER OF STUDENTS

NAME								RESIDENCE
Abbott, James Knox								Lewistown
Adams, Bruce C								Tower City
Adams, D. Fenton .								Esterly
Adams, Elizabeth M.								Carlisle
Adler, Stanley D., Jr.								Harrisburg
Ahl, George W., Jr								Carlisle
Aldstadt, Richard L.								Bedford
Alexander, Helen E								Elizabethtown
Alexander, Willis A., Jr								Lewistown
Alfred, Barbara Jane								Camp Hill
Alpern, Earle S								Brooklyn, N. Y.
Ammerman, Joseph S.								Curwensville
Andrews, Sara L								Belvidere, N. J.
Anto, Frank P								McKeesport
Armitstead, Austin H.								Middletown
Armstrong, John B								Germantown
Arnold, Arthur E								Stroudsburg
Arnold, Mrs. Marjorie I								Philadelphia
Asbell, Joseph								Camden, N. J.
Ash, William								Philadelphia
Aungst, John W., Jr.								Carlisle
Avena, Salvatore John								Palmyra, N. J.
Averill, Harriet J								Elizabeth, N. J.
Ayers, John J								Wilkes-Barre
Hydrs, John J.								
Bachman, Neal D								Bainbridge
Bair, Ruth Elizabeth								Lancaster
Baker, James P								Roaring Spring
Bamberger, William L.								
Banks, Robert								Mifflintown
Barber, Jacob L., Jr.								New Cumberland
Barish, Fred						1.		Philadelphia
Barlock, Joseph A								Wilkes-Barre
Barnard, Lois Jane .								Camp Hill
Barnes, Charles A								~~
Barnitz, Barbara G								
Barrett, Joseph F								Mt. Union
Bashore, Nancy F.								Tremont
Bates, James H., Jr.						1		T111 . 3.5.1
Baum, Gordon W.								York
Baum, Mary Virginia				4				Lemoyne
Daum, mary Ingilia	13	19	7 77	Dist.	-	143	188	

Baumbach, Jack M. Beck, Eugene R. Beechey, Edwin L. Beechey, Edwin L. Bell, Marion V. Bender, Harry J. Bender, Ruth C. Bengtson, William L. Benner, C. Walter Benner, C. Walter Benner, C. Walter Bennett, A. Nelson Benson, Helen P. Benson, Helen P. Berrilosky, Joseph J. Berrard, Estelle H. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Bicking, Nancy Lou Biel, Earl H., Jr. Bir, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Blumberg, Emanuel R. Bookholt, John H. Bord, James E. Boltz, Margaret V. Bookholt, John H. Boven, Arlene M. Bovels, Mark K. Boyles, Ralph W., Jr. Brassington, William H. Broskin, N. J. Brassington, William H. Brower City Brower City Brower City Brower City Brower City							
Beck, Eugene R. Beechey, Edwin L. Beechey, Edwin L. Bell, Marion V. Bender, Harry J. Beethlehem Bender, Ruth C. Lititz Bengtson, William L. Lansford Benner, C. Walter Benner, C. Walter Bennett, A. Nelson Benson, Helen P. Benson, Helen P. Berralosky, Joseph J. Berrard, Estelle H. Berrard, Estelle H. Berrard, Estelle H. Berryman, Robert S. Best Stroudsburg Betts, William W. Clearfield Bicking, Nancy Lou Biel, Earl H., Jr. Upper Darby Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Black, James J. Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Born, Jack M. Bowen, John R., Jr. Bowen, Arlene M. Bowen, John R., Jr. Bowen, John R., Jr. Bowlar, Margaret A. Bowlar, Margaret City, N. J. Bowen, John R., Jr. Bowen, Margate City, N. J. Bowles, Ralph W., Jr. Bradby, Isabelle L. Brane, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.							
Beechey, Edwin L. Bell, Marion V. Bell, Marion V. Bender, Harry J. Bethlehem Bender, Ruth C. Littiz Bengtson, William L. Lansford Benner, C. Walter Benner, C. Walter Bennert, A. Nelson Benson, Helen P. Bercilosky, Joseph J. Bernard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Blumberg, Emanuel R. Bookb, Frances E. Boltz, Margaret V. Bookholt, John H. Boyles, Mark K. Bronklyn, N. Y. Brann, Howard S., Jr. Millville, N. J.							
Bell, Marion V. Bender, Harry J. Bender, Ruth C. Lititz Bengtson, William L. Benner, C. Walter Bennert, A. Nelson Bennert, A. Nelson Benson, Helen P. Berilosky, Joseph J. Bernard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Blumberg, Emanuel R. Boag, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Bords, Margaret A. Boyles, Mark K. Boyles, Mark K. Boyles, Mark K. Boyles, Ralph W., Jr. Brann, Howard S., Jr. Brann, Howard S., Jr. Brann, Howard S., Jr. Millville, N. J. Brann, Howard S., Jr. Millville, N. J. Brann, Howard S., Jr. Millville, N. J.	Beck, Eugene R						
Bender, Harry J. Bethlehem Bender, Ruth C. Lititz Bengtson, William L. Lansford Benner, C. Walter Trenton, N. J. Bennert, A. Nelson Milford, Del. Benson, Helen P. Philadelphia Bercilosky, Joseph J. Kulpmont Bernard, Estelle H. Drexel Hill Berner, David T. Camp Hill Berner, David T. Camp Hill Berner, Milliam W. Clearfield Bicking, Nancy Lou Hazelton Biel, Earl H., Jr. Upper Darby Bier, Rose Marie York Bird, Robert W. Swarthmore Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. St. Marys Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyles, Mark K. Harrisburg Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boyles, Rabby, Js. Herrisburg Boyles, Ralph W., Jr. Harrisburg Boyles, Rabby, Js. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boyles, Rabby, Js. Harrisburg Boyles, Rabby, Js. Harrisburg Boyles, Mark K. Harnsburg Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boyles, Mark K. Harrisburg Boyles, Ma							
Bender, Ruth C. Bengtson, William L. Benner, C. Walter Benner, C. Walter Bennert, A. Nelson Benson, Helen P. Benson, Helen P. Bercilosky, Joseph J. Bercilosky, Joseph J. Bernard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Black, James J. Blumberg, Emanuel R. Blumberg, Emanuel R. Bookholt, John H. Bookholt, John H. Borda, William F. Bookholt, John H. Borda, William F. Bowen, John R., Jr. Bowen, John R., Jr. Bowen, John R., Jr. Bowen, Margaret A. Boyles, Mark K. Boyles, Mark K. Boyles, Mark K. Boyles, Mark K. Boyles, Ralph W., Jr. Boylent, Margated G., Jr. Branin, Howard S., Jr. Milford, Dark Milford, N. J. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Branin, Howard S., Jr. Millville, N. J.							
Bengtson, William L. Benner, C. Walter Bennett, A. Nelson Benson, Helen P. Bercilosky, Joseph J. Bernard, Estelle H. Berner, David T. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Black, James J. Blumberg, Emanuel R. Bodtz, Margaret V. Bookholt, John H. Borda, William F. Bowen, Arlene M. Bowles, Mark K. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Boylen, Rosel L. Branne, Edward G., Jr. New Kingston Branin, Howard S., Jr. Mulford, N. J. Brench, Millelle, N. J.	Bender, Harry J						
Bennert, C. Walter Bennett, A. Nelson Benson, Helen P. Bercilosky, Joseph J. Berrard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Bisey, Paul Black, James J. Blumberg, Emanuel R. Bookholt, John H. Bookholt, John H. Borda, William F. Bowen, Arlene M. Bowen, Arlene M. Bowles, Ralph W., Jr. Boylbart, Ann C. Brame, Edward G., Jr. Brawl Hill Berretin H., Jr. Philadelphia Kulpmont Brulled Hill Brull H. Borexel Hill Brexel Hill Brute Hill Brute Hill Brute Hill Brute Hill Brute Hill Brute Hill Brexel							
Bennett, A. Nelson Benson, Helen P. Bercilosky, Joseph J. Bercilosky, Joseph J. Bernard, Estelle H. Bernard, Estelle H. Bernard, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Black, James J. Black, James J. Blumberg, Emanuel R. Body, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, Arlene M. Bowles, Ralph W., Jr. Bowles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Brame, Edward G., Jr. Brank Milliele, N. J. Brank Kingston Branin, Howard S., Jr. Millord, Del. Millord, Del. Millord, Del. Mulliam F. Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Brill Hazelon Bulphon Brill Harrisburg Brooklyn, N. Y. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. Y. Brandy, Isabelle L. Brame, Edward G., Jr. Williulle, N. J.							
Bennett, A. Nelson Benson, Helen P. Bercilosky, Joseph J. Bercilosky, Joseph J. Bernard, Estelle H. Bernard, Estelle H. Bernard, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Black, James J. Black, James J. Blumberg, Emanuel R. Body, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, Arlene M. Bowles, Ralph W., Jr. Bowles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Brame, Edward G., Jr. Brank Milliele, N. J. Brank Kingston Branin, Howard S., Jr. Millord, Del. Millord, Del. Millord, Del. Mulliam F. Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Beast Stroudsburg Brill Hazelon Bulphon Brill Harrisburg Brooklyn, N. Y. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. Y. Brandy, Isabelle L. Brame, Edward G., Jr. Williulle, N. J.	Benner, C. Walter						
Bercilosky, Joseph J. Bernard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Black, James J. Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, Arlene M. Boyles, Ralph W., Jr. Boyles, Ralph W., Jr. Brooklyn, N. Y. Brooklyn, M. Mechanicsburg Mechanicsburg Margate City, N. J. Brooklyn, N. J. Brooklyn, N. Y. Boewnan, Marlin E. Lemoyne Boyles, Ralph W., Jr. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. Y. Brooklyn, N. Y. Brooklyn, Margate City, N. J. Bowman, Marlin E. Lemoyne Boyles, Ralph W., Jr. Brooklyn, N. Y. Brandby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Bennett, A. Nelson						
Bernard, Estelle H. Berner, David T. Berryman, Robert S. Betts, William W. Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Blumberg, Emanuel R. Boag, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Bowen, Arlene M. Bowen, Arlene M. Boyles, Ralph W., Jr. Boylhart, Ann C. Branin, Howard S., Jr. Brack Ida Clearfield Camp Hill Camp Hill Camp Hill East Stroudsburg Hazelton East Stroudsburg Fast Wellan East Stroudsburg Fast Stroudsburg Fast Swarthmore Rasemont, N. J. Swarthmore Bowenont, N. J. St. Marys Brooklyn, N. Y. Clearfield Carlisle Brooklyn, N. Y. Clearfield Carlisle Brooklyn, N. Y. Clearfield Brooklyn, N. Y. Harrisburg Bowen, Jack M. Harrisburg Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. J. Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Branin, Howard S., Jr. Millville, N. J.							
Berner, David T. Berryman, Robert S. Betts, William W. Clearfield Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Bissey, Paul Black, James J. Bleggi, Leo L. Bloub, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Bowen, Arlene M. Bowen, Arlene M. Boylb, Ralph W., Jr. Boylbart, Ann C. Brandby, Isabelle L. Brane, Edward G., Jr. Broklyn, N. Y. Camp Hill East Stroudsburg Hazelton Lehighton Reading Born, Jack M. Harrisburg Margaret City, N. J. Harrisburg Brooklyn, N. Y. Lemoyne Brooklyn, N. Y. Lemoyne Brooklyn, N. Y. Lemoyne Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster New Kingston Branin, Howard S., Jr. Millville, N. J.	Bercilosky, Joseph J						Kulpmont
Berryman, Robert S. Betts, William W. Clearfield Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Bissey, Paul Black, James J. Bleggi, Leo L. Blumberg, Emanuel R. Bodtz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Brooklyn, N. Y. East Stroudsburg Lupper Darby Hazelton Hazelton Hazelton Hoper Darby Honesdale York Swarthmore Rosemont, N. J. W. Collingswood, N. J. St. Marys Brooklyn, N. Y. Clearfield Carlisle Brooklyn, N. Y. Lehighton Reading Born, Jack M. Harrisburg Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Lemoyne Honesdale Honesdale Horesdale Harrisburg Boyles, Ralph W., Jr. Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster New Kingston Branin, Howard S., Jr. Millville, N. J.							Drexel Hill
Berryman, Robert S. Betts, William W. Clearfield Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bird, Robert W. Bissey, Paul Black, James J. Bleggi, Leo L. Blumberg, Emanuel R. Bodtz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Brooklyn, N. Y. East Stroudsburg Lupper Darby Hazelton Hazelton Hazelton Hoper Darby Honesdale York Swarthmore Rosemont, N. J. W. Collingswood, N. J. St. Marys Brooklyn, N. Y. Clearfield Carlisle Brooklyn, N. Y. Lehighton Reading Born, Jack M. Harrisburg Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Lemoyne Honesdale Honesdale Horesdale Harrisburg Boyles, Ralph W., Jr. Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster Brooklyn, N. Y. Lancaster New Kingston Branin, Howard S., Jr. Millville, N. J.	Berner, David T						Camp Hill
Bicking, Nancy Lou Biel, Earl H., Jr. Bier, Rose Marie Bird, Robert W. Bissey, Paul Black, James J. Bleggi, Leo L. Boag, John D. Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Borown, Jack M. Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Brandby, Isabelle L. Brane, Edward G., Jr. Branin, Howard S., Jr. Birch Rosemont, V. Bowarthmore Bowen, Margate V. Bowenk Swarthmore Bowen Wyork Swarthmore Bowen And Rosemont, N. J. Bowen W. Bowen, John R., Jr. Branin, Howard S., Jr. William F. Brooklyn, N. J. Branin, Howard S., Jr. William F. Brooklyn, N. Y. Bradby, Isabelle L. Brane, Edward G., Jr. Millville, N. J.	Berryman, Robert S						East Stroudsburg
Biel, Earl H., Jr. Upper Darby Bier, Rose Marie York Bird, Robert W. Swarthmore Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. St. Marys Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Betts, William W						Clearfield
Biel, Earl H., Jr. Upper Darby Bier, Rose Marie York Bird, Robert W. Swarthmore Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. St. Marys Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Bicking, Nancy Lou						Hazelton
Bird, Robert W. Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Botwright, Margaret A. Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. W. Collingswood, N. J. W. Alarys Brooklyn, N. Y. Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.							Upper Darby
Bird, Robert W. Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Botwright, Margaret A. Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. W. Collingswood, N. J. W. Alarys Brooklyn, N. Y. Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.	Bier, Rose Marie						York
Bissey, Paul Rosemont, N. J. Black, James J. W. Collingswood, N. J. Bleggi, Leo L. St. Marys Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.							Swarthmore
Black, James J. W. Collingswood, N. J. Bleggi, Leo L. St. Marys Blumberg, Emanuel R. Brooklyn, N. Y. Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Bissey, Paul						Rosemont, N. J.
Bleggi, Leo L. Blumberg, Emanuel R. Boag, John D. Clearfield Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Bowen, Arlene M. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. Carlisle Brooklyn, N. Y. Lehighton Reading Harrisburg Altoona Mechanicsburg Margate City, N. J. Lemoyne Honesdale Brooklyn, N. Y. Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.	Black, James J						
Blumberg, Emanuel R. Boag, John D. Clearfield Bobb, Frances E. Boltz, Margaret V. Bookholt, John H. Borda, William F. Born, Jack M. Botwright, Margaret A. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Bradby, Isabelle L. Brame, Edward G., Jr. Boklyn, N. Y. Clearfield Carlisle Harrisburg Harrisburg Harrisburg Reading Harrisburg Machanicsburg Margate City, N. J. Lemoyne Honesdale Honesdale Brooklyn, N. Y. Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.	Bleggi, Leo L			-			
Boag, John D. Clearfield Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Blumberg, Emanuel R						
Bobb, Frances E. Carlisle Boltz, Margaret V. Harrisburg Bookholt, John H. Lehighton Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.							
Boltz, Margaret V	Bobb. Frances E						
Bookholt, John H. Borda, William F. Born, Jack M. Botwright, Margaret A. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyles, Mark K. Boyles, Ralph W., Jr. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. Lehighton Reading Reading Harrisburg Harrisburg Honesdale Harrisburg Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.	Boltz, Margaret V						
Borda, William F. Reading Born, Jack M. Harrisburg Botwright, Margaret A. Altoona Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.	Bookholt, John H						
Born, Jack M. Botwright, Margaret A. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyle, David M. Boyles, Mark K. Boyles, Ralph W., Jr. Boylhart, Ann C. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. Hatrisburg Harrisburg Branin Howard S., Jr. Harrisburg Harrisburg Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.							
Botwright, Margaret A. Bowen, Arlene M. Bowen, John R., Jr. Bowman, Marlin E. Boyd, David M. Boyles, Mark K. Boyles, Ralph W., Jr. Boylhart, Ann C. Bradby, Isabelle L. Brame, Edward G., Jr. Branin, Howard S., Jr. Mechanicsburg Margate City, N. J. Hemoyne Honesdale Harrisburg Brooklyn, N. Y. Lancaster New Kingston Millville, N. J.							
Bowen, Arlene M. Mechanicsburg Bowen, John R., Jr. Margate City, N. J. Bowman, Marlin E. Lemoyne Boyd, David M. Honesdale Boyles, Mark K. Harrisburg Boyles, Ralph W., Jr. Harrisburg Boylhart, Ann C. Brooklyn, N. Y. Bradby, Isabelle L. Lancaster Brame, Edward G., Jr. New Kingston Branin, Howard S., Jr. Millville, N. J.							
Bowen, John R., Jr	Bowen, Arlene M	il south					
Bowman, Marlin E Lemoyne Boyd, David M	Bowen, John R., Jr.						
Boyd, David M	Bowman, Marlin E.					•	
Boyles, Mark K	Boyd, David M.	PAT STEE					
Boyles, Ralph W., Jr	Boyles, Mark K.						
Boylhart, Ann C Brooklyn, N. Y. Bradby, Isabelle L Lancaster Brame, Edward G., Jr New Kingston Branin, Howard S., Jr Millville, N. J.	Boyles, Ralph W., Ir						
Bradby, Isabelle L Lancaster Brame, Edward G., Jr New Kingston Branin, Howard S., Jr Millville, N. J.	Boylhart, Ann C.						
Brame, Edward G., Jr New Kingston Branin, Howard S., Jr Millville, N. J.					i		
Branin, Howard S., Jr Millville, N. J.	Brame, Edward G., Ir.			13			
	Branin, Howard S., Ir						
Brehm, Carroll F Plainfield	Brehm, Carroll F.						
Breneman, Jane E Lancaster	Breneman, Jane E.	1					
	Brenneman, Foster E						
	Brenneman, Foster E						Kanson, W. Va.

NAME								RESIDENCE
Brenneman, John E., Jr.								York
Brenneman, Lynn G., Jr.								Mt. Holly Springs
Broaddus, Samuel T.								Millville, N. J.
Broderick, Robert N.								Mt. Holly Springs
Brogan, Wesley G								Wilmington, Del.
Brominski, Bernard C.								Swoyersville
Brown, Franklin C.								Harrisburg
Brown, Lawrence E.								Mt. Vernon, N. Y.
Brown, Richard S								Philadelphia
Brown, Robert								York
Brownlee, Miriam .								Ocean City, N. J.
Brubaker, Warren W.								Annville
Bruggeman, James L.								Pittsburgh
Bruno, Charles F. L								Conemaugh
Bubb, Donald A., Jr.		1						Hughesville
Bucheimer, G. Richard								Towson, Md.
Bucher, Jared B								Boiling Springs
Bucher, Paul G								Boiling Springs
Bucher, Robert W								White Plains, N. Y.
Bunisk, Christine L								Camp Hill
Burgheim, Sally-Jo .								New Cumberland
Burgoon, Joseph J., Jr.								Carlisle
Burke, J. Clark								Wilkes-Barre
								Carlisle
Burn, Beverly Ann .								Vineland, N. J.
Burr, Pamela V								Atlantic Highlands, N. J.
								Cranford, N. J.
Buttoiph, Dorothy 1.	•		•		•	•		Clamord, 11. J.
Cahill, John A								New York, N. Y.
Caldwell, Thomas D., Jr.								Harrisburg
Caldwell, William W.								Harrisburg
Cameron, Joy M								Nescopeck
Campbell, Alvin R.								Harrisburg
								Camp Hill
Carl, Edward J Carpenter, Clyde E., Jr.								Jersey Shore
				1				Camp Hill
Carpenter, John T.								Jersey Shore
Carpenter, Mary K.								
Carter, Ivan L., Jr.								Carlisle
Carucci, Carmine A								Bronx, N. Y.
Cary, Margaret C								York
Casella, John A								Carlisle
Cassimatis, Emanuel A.								York
Cauffman, William J.								Philadelphia
Cello, Robert M								Mt. Holly Springs

NAME	RESIDENCE
Charley, Edna Louise	 Greensburg
Cherry, George S	Carlisle
Cherry, Louis J	DuBois
Chew, Thomas G	 Chester
Chin, Quun S	New York, N. Y.
Christiansen, Kjell H	Aldan
Chubb, Matilda Lowry	Millville, N. J.
Chun, Chu Man	 Seoul, Korea
Clapp, Joan	 Camp Hill
Clark, Robert E., Jr	 Wilmington, Del.
Clark, Vance N	Lemoyne
Claster, Robert E	Philadelphia
Clem, Richard H	Meadowbrook
Clinedinst, Clinton R	Carlisle
Clinedinst, Mrs. Virginia M	 Carlisle
Clouser, Dallas G	 Newport
Coale, Julian R., Jr	Carlisle
Coddington, Robert Dean	 D 1 D 1 M T
Cohn, David H	Brooklyn, N. Y.
Coller, Ada K	Mechanicsburg
Collins, Arthur W	 Swarthmore
Colon, Martha	 Harrisburg
Combs, Thomas L	 Emmitsburg, Md.
Conrad, Benjamin	Hagerstown, Md.
Cooke, Josephine	Carlisle
Coolidge, Warren F	 Chambersburg
Cooper, Bruce Edwin	Harrisburg
Cornish, George R. F., Jr	Edisto Island, S. C.
Corson, Ewing M	Ocean City, N. J.
Corson, Hampton P	Philadelphia
Cosby, Don A	Forest Hills, N. Y.
Coslett, Elwood C	Carlisle
Cosslett, Edward C	Wanamie
Coughlin, Nancy J	Forty Fort
Craig, Frank J.	Lansdowne
Cramer, Gerald	Harrisburg
Crawford, Charles R.	
Crawshaw, Alan S	St. Clair
Creasy, Marilyn A.	Kingston
Crist, Robert G.	Camp Hill
Crist, Wilmer F.	Newport
Croissant, Phyllis L	
Croop, James W	Kingston
Crouse, Catherine K	Fanwood, N. I.
Croady Cumerate It.	

NAME	RESIDENCE
Crow, Robert H	Uniontown
Crum, John T.	
Cudding, William J	
Culmann, Gertrude P.	
Cunningham, Donald W	
Cupitt, Harold D	Steelton
- · · · · · · · · · · · · · · · · · · ·	Angels
Curtis, Bernice W	Aligeis
Dalbey, Margaret H	Lemoyne
Dale, Barbara J	
Daly, Francis X.	C1 D 1 17 T
Danskin, Benjamin H.	Spring Lake, N. J.
Davies, Robert B.	Sinking Spring
P : Forel M	Carlisle
D : II-milton C I-	
w · htt.h.l. T	Shamokin
DO -1 T-b- W T-	Plymouth
	Camp Hill
TI DI ID	Hollis, N. Y.
	Wilkes-Barre
Delaney, John J	Wilkes-Barre
Demme, David T.	Chadds Ford
Dempster, Daniel M., Jr.	
Denison, Alice B	
Denison, Joan Latham	Harrisburg
Denman, Florence V	Beaver
Derick, Nancy Ellen	Sunbury
Derr, Mary Elizabeth	Lancaster
DeVoe, Marilyn F	Washington, N. J.
Dewey, Richard A	Philadelphia
Dickie, Anne G	Little Neck, N. Y.
Diefenderfer, John R	Bethlehem
Dietrich, Nancy C	Bayside, N. Y.
Dietrich, Ray A	Fleetwood
Diffenderfer, Harry S	New Cumberland
Dill, Ralph L	Llanerch
Dipple, George W.	Nescopeck
Distel, Jules D	Red Bank, N. J.
Dodge, John H	Carlisle
Doherty, James H	
Donecker, John J	Carlisle
Doney, Jean M	Carlisle

NAME							RESIDENCE
Dopp, Calvin S				-			Mechanicsburg
Dornan, Joan							Manoa
Douglas, George F							Philadelphia
Downes, Chauncey B., Jr							Englewood
Drake, Sally R							Plandome Manor, N. Y.
Dreisbach, Cora A							Carlisle
Dresch, John W							St. Clair
Dudick, Anthony M							Burnham
Duncan, Arthur							Runnemede, N. J.
Dunkle, Benjamin F							Everett
Dunning, Nancy T							Baltimore, Md.
Durgin, Richard T							Palmyra, N. J.
Durkin, Joseph J							Wilkes-Barre
Duvall, John A							Monongahela
Buvan, John II.					N.		The state of the s
Eaby, David R							Newville
Eakin, Russell F							Mechanicsburg
Early, Dorothy L							Carlisle
Eberhart, John P., Jr							Yonkers, N. Y.
Eby, John C							New Rochelle, N. Y.
Eby, Marilynn L							Penn Wynne
Edwards, Frederick L							Nanty-Glo
Egan, Daniel R							Trenton, N. J.
Eisenhour, Irene M		- 0	•				Harrisburg
Eitemiller, Catherine S							Baltimore, Md.
Elder, Janet C							Brooklyn, N. Y.
							Wilkes-Barre
Elias, Samuel							Woodbury, N. J.
Elvin, Harlan J							Tamaqua
Elv. Theodore H	315		•			i.	Drexel Hill
Ely, Theodore H Emele, Russell J							Carlisle
Emlet, Mary Lee							Ardmore
Enders, Robert A							Penbrook
Enders, Rosalie R							Harrisburg
							Carlisle
Englander, Donald Engle, William J							Shenandoah
English, Shirley A							Ocean City, Md.
							Williamsport
Ertel, Herbert H., Jr							Lancaster
Esbenshade, James N							Plymouth
Evans, Eugene A							riyinoutii
E-ha Botty I							Carlisle
Fahs, Betty L							
Fair, Kenneth I							Harrisburg
Fair, Nancy L	1						Hallisburg

Farquharson, Doris M. Port Washington, N. Y. Farrow, Royal T. Riverton, N. J. Feinour, John G., Jr. Harrisburg Fenimore, Leonard L. Philadelphia Fettrow, Russell D. Lemoyne Fickes, Ivan Dwight Altoona Finnesey, Robert V. Short Hills, N. J. Fischer, John Clifton Heights Fishel, Betty L. Boiling Springs Fisher, Virginia D. Lebanon Flandreau, Arthur C., Jr. Albertson, N. Y. Flickinger, Rebecca J. Altoona Fogg, David A. Salem, N. J. Ford, Hugh Douglas Washington, N. J. Foreman, Charles N., Jr. Carlisle Foster, Donald H. Pitman, N. J. Fox, Donald K. New York, N. Y. Fox, Mary C. Mechanicsburg Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Frey, Robert M. Carlisle Fron, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Littiz Furuno, Yeichi R. Shiremanstown
Farrow, Royal T. Feinour, John G., Jr. Fenimore, Leonard L. Ferguson, Edna Mae Fettrow, Russell D. Fickes, Ivan Dwight Finnesey, Robert V. Fischer, John Fishel, Betty L. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Forgy, Frances H. Ford, Hugh Douglas Foreman, Charles N., Jr. Foster, Donald K. Fox, Mary C. Fox, Mary C. Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freeman, Horatio P. Frem, Walter L. Fry, Frank L., Jr. From, Walter L. Fry, Gladys J. Fryn Cable, William H. Shiremanstown Riverton, N. J. Harrisburg Philadelphia Philad
Feinour, John G., Jr. Fenimore, Leonard L. Ferguson, Edna Mae Fettrow, Russell D. Fettrow, Russell D. Fickes, Ivan Dwight Finesey, Robert V. Fischer, John Fishel, Betty L. Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary C. Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freem, Robert M. From, Walter L. Fry, Frank L., Jr. From, Walter L. Fry, Gladys J. Full Marenastown Fhiladelphia Philadelphia Phila
Fenimore, Leonard L. Ferguson, Edna Mae Fettrow, Russell D. Fickes, Ivan Dwight Fickes, Ivan Dwight Fishes, Robert V. Fischer, John Fishel, Betty L. Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. From, Walter L. Fry, Frank L., Jr. Fry, Gladys J. Fultona Philadelphia Philadelphia Philadelphia Philadelphia Philadelphia Philadelphia Philadelphia Phila
Ferguson, Edna Mae Philadelphia Fettrow, Russell D. Lemoyne Fickes, Ivan Dwight Altoona Finnesey, Robert V. Short Hills, N. J. Fischer, John Clifton Heights Fishel, Betty L. Boiling Springs Fisher, Virginia D. Lebanon Flandreau, Arthur C., Jr. Albertson, N. Y. Flickinger, Rebecca J. Altoona Fogg, David A. Salem, N. J. Ford, Hugh Douglas Foreman, Charles N., Jr. Carlisle Foster, Donald H. Pitman, N. J. Fox, Donald K. New York, N. Y. Fox, Mary C. Mechanicsburg Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Freeman, Horatio P. Freeman, Carlisle Friedberg, Samuel J. From, Walter L. Fry, Frank L., Jr. Fry, Gladys J. Furuno, Yeichi R. Shiremanstown
Fettrow, Russell D. Fickes, Ivan Dwight Fickes, Ivan Dwight Finnesey, Robert V. Short Hills, N. J. Fischer, John Clifton Heights Fishel, Betty L. Boiling Springs Fisher, Virginia D. Lebanon Flandreau, Arthur C., Jr. Albertson, N. Y. Flickinger, Rebecca J. Folgy, David A. Salem, N. J. Ford, Hugh Douglas Foreman, Charles N., Jr. Fort, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Fry, Frank L., Jr. Fry, Frank L., Jr. Fry, Gladys J. Full Marisburg Fox Honolulu, T. H. Gable, William H. Shiremanstown
Fickes, Ivan Dwight Finnesey, Robert V. Short Hills, N. J. Fischer, John Clifton Heights Fishel, Betty L. Boiling Springs Fisher, Virginia D. Lebanon Flandreau, Arthur C., Jr. Albertson, N. Y. Flickinger, Rebecca J. Fogg, David A. Salem, N. J. Foley, Frances H. New York, N. Y. Ford, Hugh Douglas Foster, Donald H. Pitman, N. J. Fox, Donald K. New York, N. Y. Mechanicsburg Fox, Mary C. Mechanicsburg Fox, Ralph E. Colonial Park Francavilla, Geno A. Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Frey, Robert M. Carlisle Friedberg, Samuel J. From, Walter L. Fry, Frank L., Jr. Fry, Gladys J. Furuno, Yeichi R. Shiremanstown Altoona Boiling Springs Boiling Spring Boiling Springs Boiling Springs Boiling Springs Boiling Springs
Finnesey, Robert V. Fischer, John Clifton Heights Fishel, Betty L. Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Frox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freew, Sara Jean Freey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Full Heights Boiling Springs Altoona Salem, N. Y. New York, N. Y. Washington, N. J. Carlisle Pirman, N. J. Wechanicsburg Harrisburg Fox, Mary Ellen Harrisburg Freeman, Horatio P. Emmitsburg, Md. Freew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Furuno, Yeichi R. Shiremanstown
Fischer, John Clifton Heights Fishel, Betty L. Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freew, Sara Jean Frey, Robert M. Friedberg, Samuel J. Fry, Gladys J. Fryuno, Yeichi R. Clifton Heights Boiling Springs Altoona Albertson, N. Y. Altoona Salem, N. J. New York, N. Y. Washington, N. J. Portman, N. J. Pitman, N. J. Pitman, N. J. Mechanicsburg Harrisburg Fox, Ralph E. Colonial Park Harrisburg Freeman, Horatio P. Emmitsburg, Md. Freedberg, Samuel J. From, Walter L. Wilmington, Del. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Shiremanstown
Fishel, Betty L. Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freew, Sara Jean Frey, Robert M. Friedberg, Samuel J. Fry, Frank L., Jr. Fry, Gladys J. Full Altoona Salem, N. Y. Altoona Salem, N. J. New York, N. Y. Mew York, N. Y. Mew York, N. J. Mechanicsburg Harrisburg Colonial Park Harrisburg Freeman, Horatio Centric Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Furuno, Yeichi R. Shiremanstown
Fisher, Virginia D. Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Free, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Forman, Altoona Salem, N. Y. New York, N. Y. New York, N. Y. Mashington, N. J. New York, N. Y. Mashington, N. J. New York, N. Y. Mechanicsburg Harrisburg Colonial Park Harrisburg Freeman, Horatio P. Emmitsburg, Md. Freedberg, Samuel J. From, Walter L. Willmington, Del. Carlisle Fry, Gladys J. Furuno, Yeichi R. Shiremanstown
Flandreau, Arthur C., Jr. Flickinger, Rebecca J. Altoona Fogg, David A. Foley, Frances H. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freem, Robert M. Frey, Robert M. Froy, Frank L., Jr. Gable, William H. Altoona Altoona Altoona Altoona Altoona Salem, N. Y. Altoona Salem, N. J. New York, N. Y. Washington, N. J. Pitman, N. J. Pox, New York, N. Y. Mechanicsburg Harrisburg Colonial Park Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Carlisle Friedberg, Samuel J. Atlantic City, N. J. Wilmington, Del. Carlisle Fry, Gladys J. Lititz Honolulu, T. H. Shiremanstown
Flickinger, Rebecca J. Fogg, David A. Salem, N. J. Foley, Frances H. New York, N. Y. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Friedberg, Samuel J. Fry, Frank L., Jr. Foxly David A. Salem, N. J. New York, N. Y. Washington, N. J. Pitman, N. J. Pitman, N. J. New York, N. Y. Mechanicsburg Harrisburg Colonial Park Harrisburg Fremmitsburg, Md. Frew, Sara Jean Paradise Carlisle Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Shiremanstown
Flickinger, Rebecca J. Fogg, David A. Salem, N. J. Foley, Frances H. New York, N. Y. Ford, Hugh Douglas Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Friedberg, Samuel J. Fry, Frank L., Jr. Foxly David A. Salem, N. J. New York, N. Y. Washington, N. J. Pitman, N. J. Pitman, N. J. New York, N. Y. Mechanicsburg Harrisburg Colonial Park Harrisburg Fremmitsburg, Md. Frew, Sara Jean Paradise Carlisle Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Shiremanstown
Fogg, David A. Foley, Frances H. New York, N. Y. Ford, Hugh Douglas Foreman, Charles N., Jr. Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Gable, William H. Shiremanstown
Foley, Frances H. Ford, Hugh Douglas Foreman, Charles N., Jr. Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Freey, Robert M. Frey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Gable, William H. Carlisle Washington, N. Y. Washington, N. J. Washington, N. J. Weshington, N. J. Mechanicsburg Harrisburg Colonial Park Harrisburg Emmitsburg, Md. Faradise Carlisle Frey, Robert M. Carlisle Friedberg, Samuel J. Kilitz Honolulu, T. H. Shiremanstown
Ford, Hugh Douglas Foreman, Charles N., Jr. Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Gladys J. Gable, William H. Pitman, N. J. Replitman, N. J. Pitman, N. J. Replitman, N. J. Replitma
Foreman, Charles N., Jr. Foster, Donald H. Fox, Donald K. Fox, Mary C. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frew, Sara Jean Frey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Frank L., Jr. Fyr, Gladys J. Gable, William H. Carlisle Pittman, N. J. Pittman, N. J. New York, N. J. Mechanicsburg Harrisburg Colonial Park Harrisburg Emmitsburg, Md. Faradise Carlisle Frey, Robert M. Carlisle Carlisle Friedberg, Samuel J. Kilittz Honolulu, T. H.
Foster, Donald H. Pitman, N. J. Fox, Donald K. New York, N. Y. Fox, Mary C. Mechanicsburg Fox, Mary Ellen Harrisburg Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Fox, Donald K. Fox, Mary C. Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Francavilla, Geno A. Freeman, Horatio P. Frey, Robert M. Friedberg, Samuel J. From, Walter L. Fry, Frank L., Jr. Fry, Gladys J. Gable, William H. Mechanicsburg Harrisburg Emmitsburg, Md. Faradise Emmitsburg, Md. Carlisle Friedberg, Samuel J. Wilmington, Del. Carlisle Honolulu, T. H.
Fox, Mary C. Fox, Mary Ellen Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Fox, Mary Ellen Harrisburg Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Fox, Ralph E. Colonial Park Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Francavilla, Geno A. Harrisburg Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Freeman, Horatio P. Emmitsburg, Md. Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Frew, Sara Jean Paradise Frey, Robert M. Carlisle Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
Frey, Robert M
Friedberg, Samuel J. Atlantic City, N. J. From, Walter L. Wilmington, Del. Fry, Frank L., Jr. Carlisle Fry, Gladys J. Lititz Furuno, Yeichi R. Honolulu, T. H. Gable, William H. Shiremanstown
From, Walter L
Fry, Frank L., Jr
Fry, Gladys J Lititz Furuno, Yeichi R
Furuno, Yeichi R Honolulu, T. H. Gable, William H Shiremanstown
Gable, William H Shiremanstown
Gale, William F Carlisle
Gamble, Paul M., Jr Chambersburg
Garman, Sherley E
Garrett, Whitney B Carlisle
Garvin, Archibald, Jr Penn's Park
Gates, Ann E Curwensville
Gault, Edwin S., Jr Upper Darby
Gearhart, Mark Allentown
Gearhart, William H Berwick
C 11 - Chiller I Creat Neck N V
Geddes, Shirley J Great Neck, N. Y.

NAME	RESIDENCE
Gennaria, Charles R., Jr	Shamokin
Gennaria, John W	Shamokin
George, William	Carlisle
Gerhard, Robert C	Wyncote
Getchey, William A	Carlisle
Gibson, John H	Pottsville
Giese, Betty Anne	Towson, Md.
Gilbert, Harriet W	York
Gillan, Robert W., Jr	Harrisburg
Gingrich, Ralph Max	Williamsport
Goldstein, Burton G	Mt. Vernon, N. Y.
Goldstein, Jerome D	Brooklyn, N. Y.
Goldstein, Marvin	New Rochelle, N. Y.
Goodfellow, Guy F	Hanover
Goodwin, James H., Jr.	Carlisle
C II D I . D	Bywood
Gorrell, Robert B.	Mechanicsburg
Gorsira, Fred	Curacao, N. W. I.
Gould, Joe Walter	Carlisle
Gracey, George R., Jr.	New Cumberland
Graham, Franklin J., Jr	Philadelphia
Grandon, Eugene	Harrisburg
Granite, Alvin E	Woodbury, N. J.
Grant, Jeannie E.	
Green, James C	Upper Darby
Greenbaum, Donald L	Philadelphia
Greenway, Hiram N	Carlisle
Griel, James R	Kennett Square
Groh, William C	Trenton, N. J.
Gross, Marianne	Mechanicsburg
Grote, Charles H., Jr	Glenville
Grubb, Sara Louise	Carlisle
Grubbs, Mark M., Jr.	Ben Avon
Gruber, Amos B.	Hummelstown
Guarini, Robert N	New Cumberland
	Plymouth
Oucot, Indiana	Arlington, Va.
Guinivan, Jane	
Guldin, Kenneth L	
Gunderman, William G.	
Gutshall, Richard E	Blain
Guy, William T	Wilmington, Del.
Gwiazdowski, Richard F	Frederick, Md.

NAME								RESIDENCE
Haas, Jacquelyn								
Haayen, C. Marius, Jr								
Hafer, Robert K								
Hall, Ned A								
Hamilton, John N., Jr.								
Hamilton, Roy E								Yeadon
Hand, E. Donald								Philadelphia
Hand, Pauline M								Philadelphia
Hann, Victoria K.								Mechanicsburg
Hanna, Joseph G								Warriors Mark
Harlan, William B								Renova
Harris, John H., Jr								Camp Hill
Harris, W. Allen								Salem, N. J.
Harrison, Charles E								Boiling Springs
Harrison, Richard T								Trenton, N. J.
Harry, Stanley R								Plymouth
Hartheimer, Louis A		39						Jersey City, N. J.
Hartman, Steward H								Mechanicsburg
Hassler, Mary R			1				30	Harrisburg
Hauch, John P., Jr								Philadelphia
Hayes, Joseph A., Jr	4					Y.		Carlisle
Hayes, V. Pauline								White Haven
Hays, George M								Carlisle
								Newton, N. J.
Heck, Dorothy A								Miami, Fla.
Heckel, Thomas G								
Heeland, Earl H								Ventnor, N. J.
Heffley, William M				1				Duncannon
Heffner, George W				17				Pottsville
Heil, Arent C								
Heil, Eugene G								Coalport
Helrich, Martin								
Helsel, Benjamin G., Jr.								Middletown
Henderson, James R., Jr.								Baltimore, Md.
Henninger, Carolyn M								
Henry, James B								McCoysville
Hepford, H. Joseph								Harrisburg
Hersh, Edgar C								Allentown
Hershberger, James K.								New Enterprise
Herzig, Patricia D								Great Neck, N. Y.
Hess, George W.								
Hess, John P.	Val.	1						
Hewitt, John V.					1	1		Salem, N. J.
Hewlett, George R	1		15			6		Newville
110111000,								The state of the s

NAME	RESIDENCE
Hewlett, Larry S	
Hildenberger, Francis T	Bethlehem
Hill, H. Jane	Bethlehem
Hinchman, Benjamin, III	Johnstown
Hinkleman, Robert M	Williamsport
Hlywiak, Joseph	Chester
Hober, Ruth C	Harrisburg
Hoe, Joy C	Morristown, N. J.
Hoenstine, Donald C	Windber
Hoffman, Eugene M	Kane
Hoffman, Howard L	Carlisle
Holcombe, Guy T., Jr.	Oxford
Holdway, Charles P	Northeast, Md.
Hollenshead, David S	Needmore
Hollinger, W. Franklin	Harrisburg
	Philadelphia
	Camp Hill
Holmes, Charles G	Pottsville
Homa, Leonard S	St. Clair
Honicker, Edward	Cambridge, Md.
Hooper, Jane	Chester
Hopkins, James P., Jr	
Hopper, John D	Camp Hill
Hormell, Oliver N	California
Horner, Robert E	Camp Hill
Houck, David R	Reading
Houck, Paul W	Bangor
Howard, Elizabeth E	Baltimore, Md.
Howell, Harry A	Lewistown
Howells, John D	Shamokin
Hsu, Mo-Hsi	
Hughes, Edward T	Scranton
Hulton, Richard K	Latrobe
Hunt, Warren J.	Carlisle
Hunter, James M	Merchantville, N. J.
Hunter, Margaret A	Merchantville, N. J.
Ill, Alfred B., Jr.	Carlisle
Irvin, William	Philadelphia
Jackson, Frank M., Jr	Rutledge
Jackson, Helen E.	
Jackson, Jane B.	
Jacoby, William R.	
Jaffe, Paul L.	
Jane, Faul L.	- madorpina

NAME	RESIDENCE
Jamison, James Braden, II	Beaver Falls
Jamison, William W	Philadelphia
Janaske, Paul C	Carlisle
Jarman, Richard E	Plymouth
Javitch, Phyllis M	Carlisle
Johns, Nancy E	Drexel Hill
Johnson, Carlton S	Carlisle
Johnson, Frank L., Jr.	Woodbury, N. J.
Johnson, Leo J	Harveys Lake
Johnson, Raymond F	Bradley Beach, N. J.
Johnson, Theodore DeM	a 11.1
Johnston, H. Richard, Jr	
Jones, Melvin L	Enola
Jones, Philip E	
Jordan, William A., II	Bedford
Jordan, William II., II	
Kaase, Richard C	Rockville Center, N. Y.
Kaebnick, Myrtle L	Carlisle
Kammerer, Fred D	Newville
	Carlisle
Keating, Robert T	
Keer, Richard M	
Keesey, James C	Drexel Hill
Kehler, Diane M	Pottsville
Keiner, Margery E	Kew Gardens, N. Y.
Keller, James D	Marysville
Keller, Marlin T	Carlisle
Kelly, Mary J	Baltimore, Md.
Kent, James E	Bangor
Keown William S	Camden, N. J.
Kern, Lester A	Carlisle
Kern, Marie Grace	Schnecksville
Kerr, James E	Carlisle
Ketels, Donald L	Lancaster
Ketels, Donald L	New Freedom
Kilborn, Gloria G	Mt. Vernon, Iowa
King, Audrey I	Carlisle
King, John F	Waynesboro
King, Weir L	West Warwick, R. I.
Kinney, William E	Sunbury
Kinsey, Henry D., Jr	Quakertown
Kinzer, William L	
Kirk, Robert J	Pottsville
Kirk, Vernon M	Peckville

NAME					RESIDENCE
Kirkpatrick, George B					Waynesboro
Kitko, Eugene G			1.0		Clearfield
Klapps, John L					Sugar Notch
Klapps, Peter P					Sugar Notch
Klehammer, Elizabeth A					Rochester, N. Y.
Klein, Daniel					Freeport, N. Y.
Klina, James M					Kingston
Knight, Hugh T					Harrisburg
Koblish, Stephen W					Carlisle
Kockler, Norbert F					Philadelphia
Koffenberger, Arthur W., Jr.					Wilmington, Del.
Kohler, Walter V					Lemoyne
Koon, Daniel F					Carlisle
Koontz, Miriam E					Dayton, Ohio
Kriebel, Alvin C., Jr					Chester
Krieger, George L					Casper, Wyo.
Krise, Doris J					Harrisburg
Kumpf, William G					Carlisle
Kurtz, David P., Jr					Boiling Springs
Kyte, James M., Jr					Bristol
LaBarre, Vernon G					Bangor
Lacek, Thomas P					Plymouth
Lacovara, Nicholas A					Philadelphia
Landis, Thomas J					Carlisle
Landt, William A					Lindenhurst, N. Y.
Lane, Thomas H					Newville
Langley, John W					Gibbstown, N. J.
Langner, Charles A., Jr					Haddonfield, N. J.
Lantz, Wilmont W					Harrisburg
Larson, Ann R					St. Paul, Minn.
Larzelere, Bonnie D					Pineville
Latch, Rieta C					Washington, D. C.
Laufer, Frederick D					Carlisle
Lawhead, Hugh A., Jr					Hyde
Lawley, Frank P., Jr					Carlisle
Lazear, Robert P					New York, N. Y.
Lebovitz, Samuel L					Baltimore, Md.
Leedom, Harvey S					Camp Hill
					York
Lehr, Henry E					York
Lepperd, Floyd C., Jr					Hanover
Levin, Norman L					
Lewin, J. Thomas					Harrisburg

NAME	DEGENERACE
	RESIDENCE Harrisburg
마스트 등 것이다. 아이를 그렇지 않아요. 아그를 하고 있는데 하는데 하는데 아이들이 아니는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	Johnstown
	Carlisle
Line, George A	
Linkins, Robert E	Sparks, Md.
Linn, Joseph L	Frostburg, Md.
Lins, Lillian E	Bedford
Lippert, William S	Mechanicsburg
Lipsitt, Robert E	Harrisburg
Long, George R	Williamsport
Long, Lester M	Mt. Union
Long, Vivian G	Harrisburg
Lowe, Robert D	Williamsport
Ludden, Carl T	Mt. Pocono
Ludwig, William R	Camp Hill
Lundquist, Carl W	Johnstown
Lutz, David E	Carlisle
Lutz, Robert B. J	Wormleysburg
Lutz, Roy S	Boiling Springs
Lynam, Mary J	Wilmington, Del.
Lynch, Jerome B	Aliquippa
Lynn, John E., Jr	Bristol
Lynn, Palmer G	Roaring Springs
Lyon, Samuel M., Jr	Arlington, N. J.
No Company Description	TT
McCann, Russell J	Harrisburg
McCay, Stella M	Palmyra, N. J.
McClintock, George G., Jr.	Harrisburg
McClure, Robert P., Jr	Dillsburg
McCorkel, Harold M	Swarthmore
McCormick, Fern L	Carlisle
McCusker, Barbara D	Manhasset, N. Y.
McDevitt, Harry J., Jr	New York, N. Y.
McDonald, William A	Pottsville
McEntee, Thomas H	Garden City, N. Y.
McFassel, John H	Philadelphia
McGee, Richard W	Indiana
McGhee, John R	Shamokin
McGill, Robert A	Mt. Holly Springs
McGuire, Lawrence H., Jr	Mechanicsburg
McHugh, Thomas W	Livingston, N. J.
McInroy, Joan Thatcher	Swarthmore
McInroy, William H	
McIntyre, Jeanne A	Harrisburg
McKim, Wilbert C., Jr	Ellwood City

NAME	RESIDENCE
McKown, Jared R	Waynesboro
	York
McMillan, Thomas W., Jr.	G TT!!!
McNeal, Mitchell E	Windber
McNeal, Robert L.	Windber
McNeill, Annie P	T . C. 11
MacAllister, William H., Jr.	
MacGregor, Margaret E	Carlisle
MacGregor, Norman K., Jr.	Carlisle
Machen, Janet A	Baltimore, Md.
MacInnis, Colin W	Carlisle
Mack, Thomas E	Wilkes-Barre
Mackley, Kenneth J	Hagerstown, Md.
Macy, Barbara J	Kensington, Md.
Mader, Richard C	Duncannon
Mair, Robert M	Carlisle
Malia, Thomas M	Harrisburg
Malinowski, Joseph W	Shenandoah
Malloy, James P	Lansford
Marcus, Joseph F	New York, N. Y.
Marine, Robert	Wilmington, Del.
Marsden, George W., Jr	Philadelphia
Marsh, Margaret A	Westminster, Md.
Martel, Kenneth F	Forest Hills, N. Y.
Martin, Charlotte M	North Benton, Ohio
Martin, Madge	Carlisle
Martson, William F	Carlisle
Mather, Francis A	Trenton, N. J.
Mathews, Dorothy	Bala-Cynwyd
Mathews, Robert G	New Cumberland
Mathis, Joseph A	Warren
Matthews, Helen L	Shippensburg
Matthews, William G	Keyport, N. J.
Maxwell, Howard J	Cobalt, Conn.
May, Fred C	Plymouth
Mayo, Kenneth J	Kane
Mayper, Myron L	Woodmere, N. Y. New Freedom
Mays, Daniel J	Harrisburg
Mead, Lois J	Clearfield
Meals, Helen S.	
1120110)	Allentown
Wichame, William II.	
Mecklem, Millard F	Deaver

NAME	RESIDENCE
Meneses, James E	Yeadon
Mensch, Winona M	Williamsport
Mentzer, Elmo L	Carlisle
Merriken, Calvert C., Jr	Denton, Md.
Meszaros, Vilma M	Albertson, N. Y.
Mette, Howell C	Shamokin
Michener, Mrs. Martha	Camp Hill
Miller, Daniel	Quinton, N. J.
Miller, Gardner B	Carlisle
Miller, Gerald L	Huntingdon
Miller, Harold E	Lemoyne
Miller, John L	Carlisle
Miller, John P., III	Carlisle
Miller, John P	New Cumberland
Miller, Lee R	Pittsburgh
Miller, Marion L	Lemoyne
Miller, Mary M	Mechanicsburg
Miller, Sarah L	New Oxford
Mills, Dorson S.	Elmer, N. J.
Mills, Robert E	West Chester
Mills, Thomas C., Jr	York
Minick, Dean K	Camp Hill
Minker, Ralph L., Jr	Wilmington, Del.
Minnick, Nancy Lee	Carlisle
Minster, John D	Elkton, Md.
Mitchell, Gustav G	McKees Rocks
Mitchell, Terry C	Waynesboro
Moon, Margaret W	Drexel Hill
Moon, Martha A	Elmira, N. Y.
Moore, Joseph C., Jr	Mackeyville
Moran, Josette E	Philadelphia
Morang, Marjorie E	Dodge, Mass.
Morgan, Warren G	Plymouth
Morgan, William D	Scranton
Morrow, Robert H., Jr	Philadelphia
Mountz, Betty L	Carlisle
Moyer, James J	Altoona
Moyle, William H	West Hartford, Conn.
Mudd, William I., Jr	Camp Hill
Mulford, Barbara J	Bridgeton, N. J.
Murdoch, William C., Jr	
Murray, James H	
Myers, Christine A	Lemoyne
majore, Children II.	

NAME '		RESIDENCE
Myers, Gladys R		 Gordon
Myers, John A		 York
Myers, Robert E		 New Cumberland
Myers, William H., Jr		 Shirleysburg
Nagle, Dorothy F	4.8.	 Birdsboro
Nagle, Harry A., Jr		 Shamokin
Nagle, Stanley C., Jr		Carlisle
Nagy, Joseph J		 Harrisburg
Nailor, Edwin S., Jr		Mechanicsburg
Nash, William D		Mechanicsburg
Nenninger, Joyce D		 Springfield, N. J.
Neuber, George V., III		 Drexel Hill
Neuber, Robert W		Drexel Hill
Neufer, Lester P		Bloomsburg
Neufer, P. Dale		Bloomsburg
Niehouse, Raymond N., Jr		Camp Hill
Nielson, Barbara A		Brooklyn, N. Y.
Nixon, Clarence B., Jr		Carnegie
Noonan, Francis C		Plymouth
Norton, Walter S., Jr		Salem, N. J.
		Shippensburg
21,90, 02,000		ompposito and
Obeid, Joseph		 Wilkes-Barre
Obeid, Robert M	· · · ·	 Wilkes-Barre
Obermiller, Ann L		 Philadelphia
Oeschger, Donald E		Lancaster
Olewine, Donald A		Harrisburg
Orth, Emil J., Jr		West Englewood, N. J.
Orton, Edward W		Chicago, Ill.
O'Shea, Shamos		New Freedom
Overholt, Weston C., Jr		Norwood
		Bellefonte
Oyler, Fred D		Newville
	Police Control	
Padjen, Steve		 Steelton
Pagano, Frank G., Jr		 Harrisburg
Palmer, Edward B		 Lemoyne
Palmer, Robert N		 Mt. Carmel
Palmer, Terrence V., Jr		Lemoyne
Papadakos, Nicholas P		 McKeesport
Pape, Marie		 Mt. Vernon, N. Y.
Parker, Albert E		 Palmyra, N. J.
Parkinson, William S		 Carlisle

NAME	RESIDENCE
Parks, William A	
Parrish, George D	
Paterson, Phillip D	Mt. Holly Springs
Paxton, Paul L.	
Paxton, Paul R	CI .
Pearce, Maxine E	
Peffer, James W	
Peffer, Philip B	
Pejokovich, Michael	
Pendleton, Arthur A	
The second secon	
D . M. T.	~ .
	Gardners
	Philadelphia
Petersen, Robert C	Carlisle
Petersen, Ellen M	
	Garden City, N. Y.
	Clearfield
	Yeadon
Phillips, Theodora M	
Phillipy, William T., III	
Pierce, Lucian E., Jr	
Pimm, Donald W	
Piper, Harriett M	Newville
Polisher, Charles K	
Polson, Alexander R	
	Chester
Porr, George H., Jr	Steelton
Port, George A., Jr	
Potter, Robert J	Altoona
	Carlisle
Pratt, Charles I., Jr	Coatesville
Preston, Mary T	York
Purves, Katherine E	Pittsburgh
Pyle, Robert N	Wilmington, Del.
Quigley, Carter E	Enola
Quinn, Charles J	Trenton, N. J.
Radford, John J	
Raizen, Edna M	New Rochelle, N. Y.
Reader, Willard D., Jr	New Brighton
Reaser, Fay A	
	Washington, D. C.
Reed, Ira O	Carlisle

NAME	RESIDENCE
Reed, Paul T	Carlisle
Rehor, Douglas C	Harmon-On-Hudson, N. Y.
Rehr, Bruce R	Reading
Reichert, Gilbert P	Harrisburg
Reiter, Alan J	Camden, N. J.
Renner, Richard R.	Littlestown
Renninger, Harris R	Shamokin
Reynolds, Mary J	Williamstown
	Shermansdale
Rheam, Marian V	Mechanicsburg
Rhoades, Dorothy I	Williamsburg
Rhodes, William S	Chadd's Ford
	Trenton, N. J.
Rice, Robert M	Fort Meade, Md.
Rice, Virginia	Carlisle
Richards, Daniel W., III	Moosic
Richards, Thomas W	Cumberland, Md.
Richeal, Marvin L., Jr.	Red Bank, N. J.
Rickenbach, Virginia L	Harrisburg
Rieck, Virginia D	Pleasantville, N. J.
Ritter, Mary Lou	Harrisburg
Robel, Rayford A	Johnstown
Robertson, James F	Pottsville
Robinson, Donald A	Palmyra, N. J.
Robinson, Patrick R	Hallam
Rodenbaugh, Wayne K	Lewistown
Roeding, Howard F., Jr	Queens Village, N. Y.
Rogers, Alice R	Collingswood, N. J.
Rogers, David E	Mechanicsburg
Rogers, Mary L	New Cumberland
Rollman, Robert, Jr	Carlisle
Rosenthal, Joseph A	Walkersville, Md.
Rosskam, Richard H	Philadelphia
Roulette, Mrs. Kathleen	Chambersburg
Roulston, Elizabeth A	
Royer, John N., Jr	Mercersburg
Rubright, Herbert C	Frackville
Ruby, Gurney B., Jr	New Cumberland
Rupp, Patricia Anne	Steelton
Russell, Charles C	Harrisburg
Rutters, Herbert P	
Ryder, Miriam E	Harrisburg

NAME	RESIDENCE
Sacks, Herbert S	Brooklyn, N. Y.
Sandrock, George W	Carlisle
Saseen, Roberta S	Elmhurst, N. Y.
Sausser, Anna C	Valley View
Sayes, Susan L	Wilkes-Barre
Saylor, Ray L	York
Scatton, John G	Hazleton
Schafmeister, Vincent J., Jr	Camp Hill
Schecter, Mrs. Rheasa	Carlisle
Schecter, Roger M	Carlisle
Schlobohm, Anna M	Yonkers, N. Y.
Schlomer, John D	Harrisburg
Schmitt, Irene C	Glenside
Schmittinger, Harold C	Wilmington, Del.
Schnelli, Nancy Jane	
Schuhmann, Eleanor J	Reading
Searer, Richard H	Tyrone
Seiler, Donald L	Harrisburg
Seivwright, J. Sheila	Ridley Park
Selsor, James R	Philadelphia
Senft, Lavere C	York
Seras, Peter W	Plymouth
Seward, Wilbur H	Reading
Shadle, Lenore J	Lock Haven
Shadle, Robert L	Lock Haven
Shaffer, Alice	Harrisburg
Shaffer, Allen	Millersburg
Shaffer, Earl D., Jr	
Shaffer, Joyce C	Harrisburg
Shaud, Russell C	a " '
Shaver, Mary Ann	Arlington, Va.
Sheaffer, Sterlen S	
Shearer, Donald K	
Shearer, Helen P	Carlisle
Sheidy, Herbert S	Wernersville
Shelley, Fitzhugh W	
Shope, Samuel P	
Shreve, Kathryn E	Lancaster
Shuman, Carrie C	
	Audubon, N. J.
	Miller, S. D.
Simonitis, William P	
	Harrisburg
	0

NAME						RESIDENCE
Singe, Mrs. Elizabeth N						Harrisburg
Skinner, George A						Washington, N. J.
Slacum, Robert S						Westmont, N. J.
Slutzker, Robert C						Altoona
Smith, C. Grant						New York, N. Y.
Smith, C. Ray						Carlisle
Smith, Everett C						Bernardsville, N. J.
Smith, George W						Camp Hill
Smith, Glenn M						Waynesboro
Smith, Verne L., Jr		1.				Ocean Grove, N. J.
Smith, William L						Chester
Snoke, Paul S						Lemoyne
Snyder, Carolyn L						Birdsboro
Soltow, James H						Carlisle
Somers, Bernice R						Trenton, N. J.
Sowers, Marson R						Lansdowne
Spahr, Blake Lee						Carlisle
Spencer, Warren H						Wellsboro
Spies, Frederick K						77 11
Springer, John W						Chevy Chase, Md.
Sprinkle, Ted A						Lemoyne
Stackhouse, Robert S		1				Morrisville
Stacks, Jacob C., Jr						Pittsburgh
Stadtmiller, James P						Indiana
Staller, Thomas O						Mt. Carmel
Starner, Maxine B						Gardners
Starrett, William H						New Orleans, La.
Stebbins, David T						Pittsburgh
Steigerwalt, Claud H., Jr.						New Cumberland
Stella, Carl						Bristol, Conn.
Stephens, Marian J						Drexel Hill
Stern, Ellis E., Jr						Coatesville
Stieb-Hales, Mary V						Haverford
Stiefel, Jane E						Huntingdon Valley
Stitzel, Elwood W., Jr.	2					Altoona
Stone, Darrell F						Mechanicsburg
Stoner, James E						Lemoyne
Stonesifer, Harry C						Hanover
Stopford, Ruth						Harrisburg
Stough, Martha J						Carlisle
Stover, Chester A						Camp Hill
Stover, Joseph G						Tyrone
Stover, Robert A						Carlisle

NAME					RESIDENCE
Stowell, Harold L					Washington, D. C.
Strange, Jack R					Pottstown
Strange, Sylvia F					Port Washington, N. Y.
Streger, Robert J					New Rochelle, N. Y.
Stretch, Robert C					Philadelphia
Strickhouser, Martha A					York
Strite, Joseph O					Chambersburg
Strong, Joy C					Sayville, N. Y.
Stuard, Norman D					Carlisle
Stuart, Julia A					Carlisle
Stump, Donald E	-				York
Stumpf, J. Eugene					Carlisle
Sunday, Lee R					Carlisle
Sunday, Walter D					Carlisle
Swanson, Mary J					Philadelphia
Sweet, Donald W					Swarthmore
Sweet, Lucille E					New Rochelle, N. Y.
Sweezy, John L., Jr					Harrisburg
Swern, Marvin					Trenton, N. J.
Taft, Phyllis					Bethlehem
Tait, Arthur L					Fayetteville
Taylor, David H					Cumberland, Md.
Taylor, Jacqulin M					Harrisburg
Taylor, Lloyd H., Jr					Carlisle
Taylor, Wannie L., Jr.					Carlisle
Taylor, William J., Jr.					Media
Teele, Richard W					Bloomfield, N. 1.
Tellett, John H					Shippensburg
Thomas, Edwin C., Jr					Dover, Del.
Thomas, John J., Jr					Lemoyne
Thomas, Robert M					Plymouth
Thompson, Anne E					Waynesburg
Thompson, Barbara J.					Greenwich, Conn.
Thompson, Mahlon M					Trenton, N. J.
Thompson, William E					New Castle
Thompson, W. Richard .					Altoona
Thorne, Anthony S					Williamsport
Tiebout, Sarah E					Greenwich, Conn.
Timlin, Joseph P					
Torchia, Felice A., Jr					Harrisburg
Towe, Harry B		1			Rutherford, N. J.
Trapold, Augustine C., III					Wilkes-Barre

NAME	RESIDENCE
Trask, Joseph M	Southwest Harbor, Me.
Trego, Jack K	Carlisle
Troster, Ruth L	North Wales
Trumbore, Forrest A	Mechanicsburg
Truxal, Bruce B	DuBois
Turner, James A	Carlisle
Twyeffort, Virginia	New Rochelle, N. Y.
Tyson, William A	Edgewood, Md.
Uhland, Eleanor L	Carlisle
Uhland, Jean H	
Ulrich, Ann L	
Underwood, Walter B., Jr	
Valentine, William R., Jr	Carlisle
Vanaman, Richard H. L	Hampton, N. H.
VanBaman, W. Walter, Jr	York
Van Jura, Edward F	Carlisle
Vath, Regina M	Lititz
Vencius, Armas V	Jamaica, N. Y.
Victor, Stanley F	Carlisle
Virgin, William P	Trenton, N. J.
Vollmer, Charles F., Jr	Harrisburg
Voorhis, Eleanor F	Palmyra, N. J.
Vowler, Robert M	Hazleton
Wachs, Morton J	Chester
Wagner, Richard C	Carlisle
Wagner, Robert Stanley	Chambersburg
Waldron, John W., Jr	Teaneck, N. J.
Waldron, Mary G	Harrisburg
Walker, Charles H	Millville, N. J.
Walker, Philip H	Windber
Walker, William J	Wilmington, Del.
Wallace, Douglas M	Brooklyn, N. Y.
Wallen, Marvin Z	Absecon, N. J.
Walpole, Norman C	Carlisle
Wasko, William R	Tower City
Watkins, John M	Harrisburg
Weaver, Joseph K	Worcester
Webb, William C., III	Carlisle
Webster, William V., Jr	
Weinman, Dorothy E	
Welliver, L. Allyn	Westminster, Md.

NAME								RESIDENCE
Wells, Martha A								Baltimore, Md.
Welsh, Charles R., Jr.								Harrisburg
Wenof, Sydney M								Carlisle
Wentzel, Martha Ann								Carlisle
Westover, Lemoyne B.								Curwensville
Wharen, Robert E								New Cumberland
Wheeler, Robert T., Jr.								Collingswood, N. J.
Whitaker, William H.								Upper Darby
Whittemore, Rhaylene								Johnson City, N. Y.
Wian, James O., II								Lewistown
Wicke, Shirley J								Pittsburgh
Wilbert, Lee D								Harrisburg
					N			Lansdowne
Wilgus, John P Wilkinson, Ann F								Merion
Wilks, Rosemarie								Richmond, Va.
								Allentown
Williams, Evelyn J								Roaring Springs
Williams, Gordon M								Clearfield
Williams, Jacques E								York
Williams, J. Carl								Roaring Springs
Wilson, Charlotte A								Drexel Hill
Wilson, Fred S								Trenton, N. J.
Wilson, Kathryn L								Mercersburg
Wilson, Lorna K								York
Wilson, Stanley G								Trenton, N. J.
		1						Cherry Tree
Windsor, Donald G								Avondale
Wing, H. Gilman								Carlisle
Wingert, Leon M								Allentown
Winters, Daniel B								Pittsburgh
Witwer, Robert R								Allentown
Wolf, Daniel R								Trenton, N. J.
Wolf, Lloyd S								Clarion
Wolf, Richard C								Carlisle
Wolfe, Fred J								Bridgeton, N. J.
Wolfe, Robert E								Lebanon
Wolff, Eugene E								Point Pleasant Beach, N. J.
Wolfgang, Marvin E								Harrisburg
		1.				1		Johnstown
								Newton, N. J.
Wolter, Owen W								
Wood, Muriel								Philadelphia
Woodward, Doris M								New Stanton
	18					110	W.	

NAME						RESIDENCE
Wright, Betty N						Carlisle
Wright, John W.						
Wythes, Elizabeth J.						Haddonfield, N. J.
Yaeger, Peggy M						Baltimore, Md.
Yetter, Robert N						Mays Landing, N. J.
Yingling, James M.						Hanover
Yocum, Warren R., Jr.						Carlisle
Young, Edmund G.						
Young, George F., Jr.						McKeesport
Young, James L., Jr.						
Young, Maxim F						
Yuda, George						
Zagorsky, Eugene D.						Mt. Holly Springs
Zelinsky, Joseph E.						Luzerne
Ziegler, Joyce A						Limerick
Ziegler, Mary S						Greencastle
Zographon, Michael G.						Wilmington, Del.
Zug, Catharine L						

TOTAL - 997

INDEX

											Page
Acceleration											6
Administration, Officers of											21-23
Admission Requirements .											32
Athletic Association											86
Band, College											84
Bible, Courses in											66
Biology, Courses in			7.								47
Board of Athletic Control		.,									25
Buildings and Equipment .											81, 82
Business Administration .											44
Calendar											7
Chapel											78
Chemistry, Courses in											48, 49
Choir, College											84
Courses Offered											46 ff.
Curriculum, requirements											33-35
Debate Squad											85
Degrees Conferred											30, 31
Dentistry, see Pre-Dentistry							1				38
Economics, Courses in											70-73
Education, Courses in				1.							52, 53
Engineering, see Pre-Engine	eri	ng									42
English, Courses in											55, 56
Expenses											79, 80
Ethics, Course in											. 66
Faculty									4.		11-20
Faculty Committees											24
Fraternities											86
French, Courses in											62, 63
Geology, Courses in											57
General Information											77-80
German, Courses in											63, 64
Graduation Requirements											34, 35
Greek Club											85
Greek, Courses in											50
Historical Sketch					1.						27-29

INDEX, Continued

												Page	
History, Courses in .	. ,											58-61	L
Honors, Departmental												35, 36)
International Relations												85, 86	,
Italian, Courses in .												64	1
Journalism												43	,
Laboratory Technique												41	
Latin, Courses in												50, 51	
Law, see Pre-Law .												39)
Library												75, 76)
Library Guild												75	,
Literary Societies .												 83	,
Loan Funds												93, 94	+
Mathematics, Courses in	1 .											61, 62	
Medical Technology												.41	L
Medicine, see Pre-Medic	cine											38	
Modern Languages .												62 ff	
Music, Courses in .												66	
Nurse Training, see Pre-												41	
Organizations, College												83-86	
Orchestra, College .												84	
Phi Beta Kappa												83	
Philosophy and Religion												66, 67	
Physical Education .												67	1
Physics, Courses in .												68	5
Political Science, Courses												73, 74	ŀ
Pre-Professional Training												37-45	5
Prizes, etc												87, 88	3
Psychology, Courses in												53, 54	ŀ
Publications, College							•			100		83	
Register of Students							•					95-118	3
Religious Association												83, 84	
											•	65	
Russian, Courses in .												89-93	
Scholarships												85	
Scientific Club												68 ff	
Social Science, Courses i	n.												
Sociology, Courses in												69, 70	
Sororities												86	
Spanish, Courses in .						1.						65	
Student Assembly and S	enat	e										84, 85	
Teaching in Secondary S	Scho	ols							•			45	
Theatre, the Little .												85	
Theology, see Pre-Theol												40	
Trustees, Board of .												8, 9)

